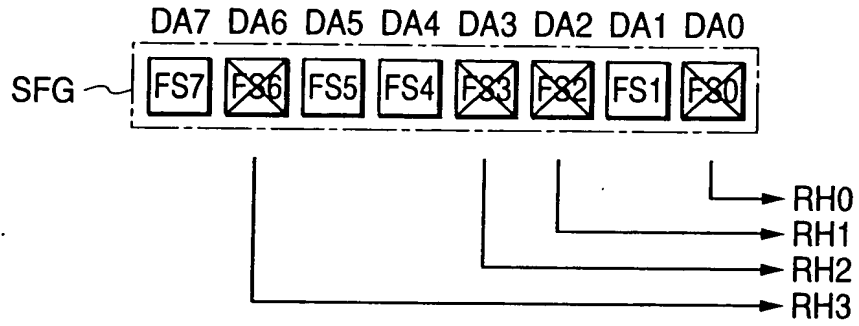
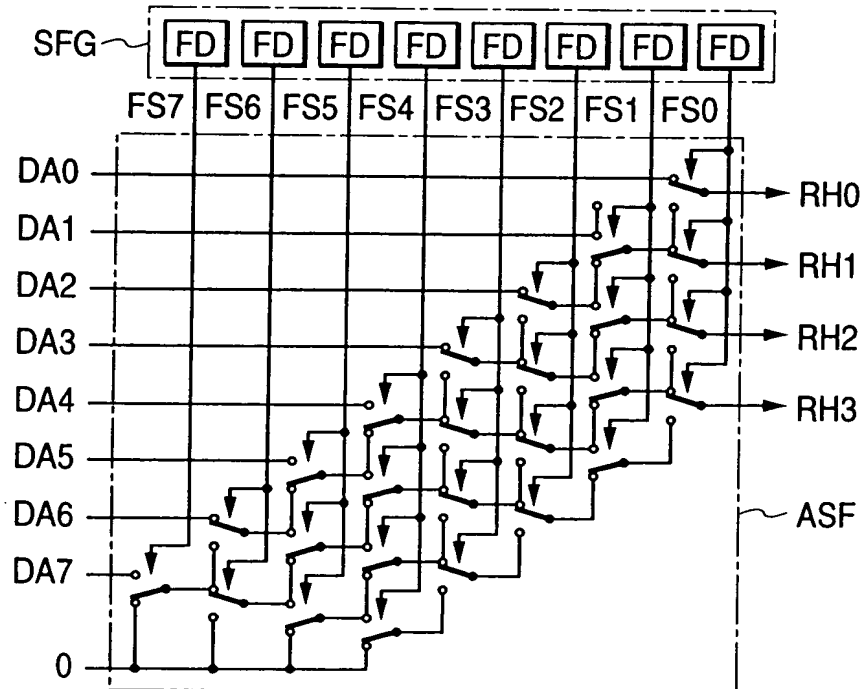
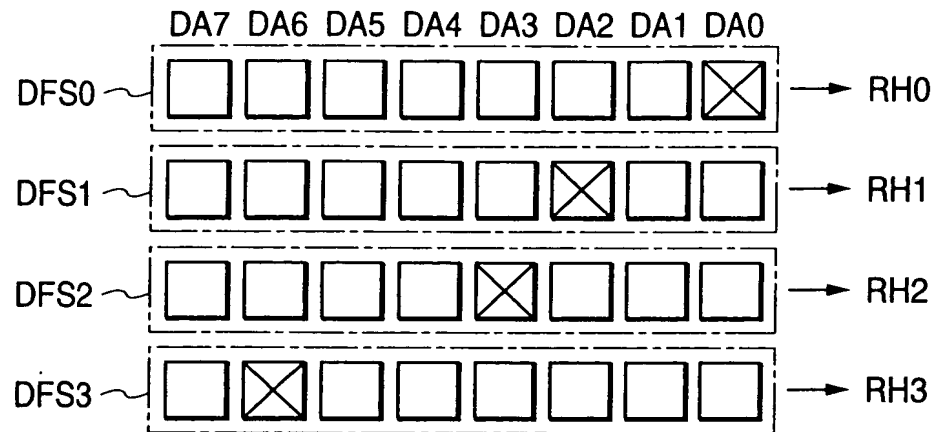
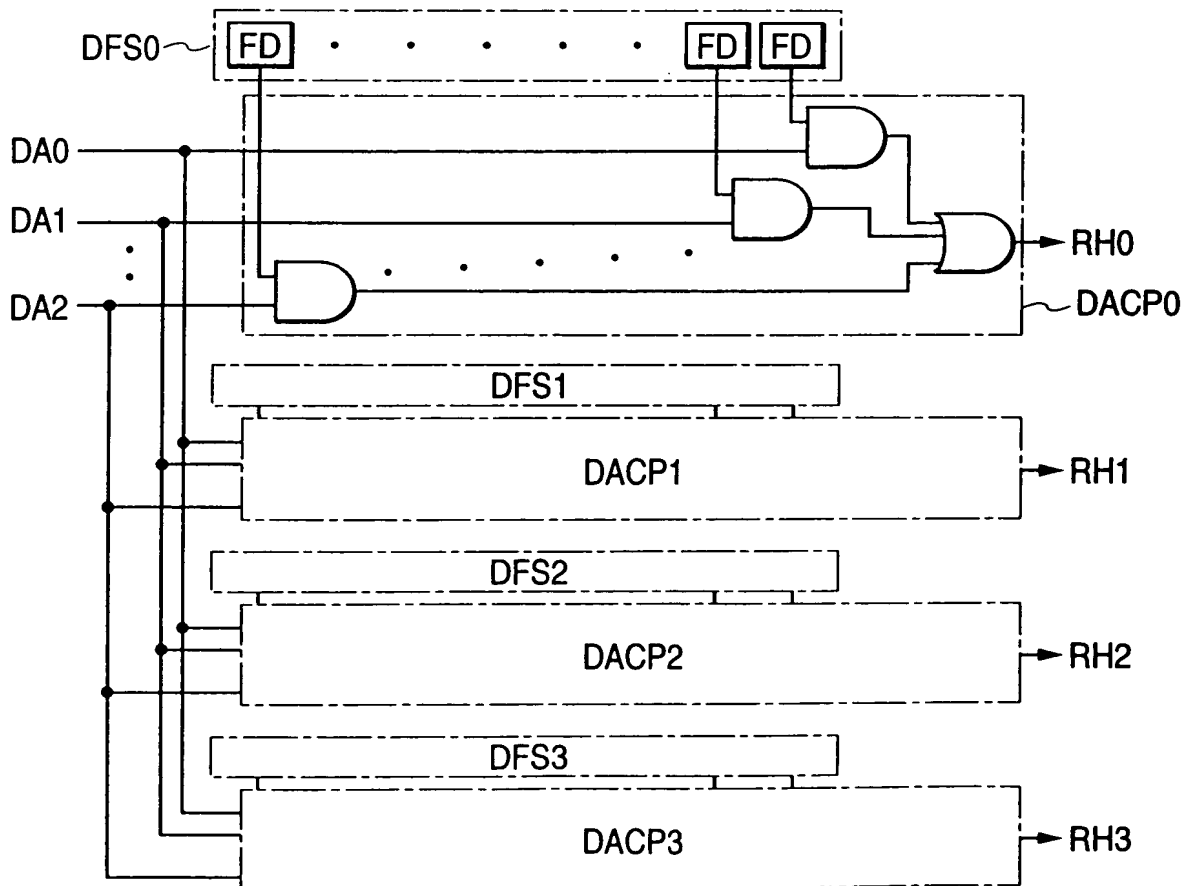


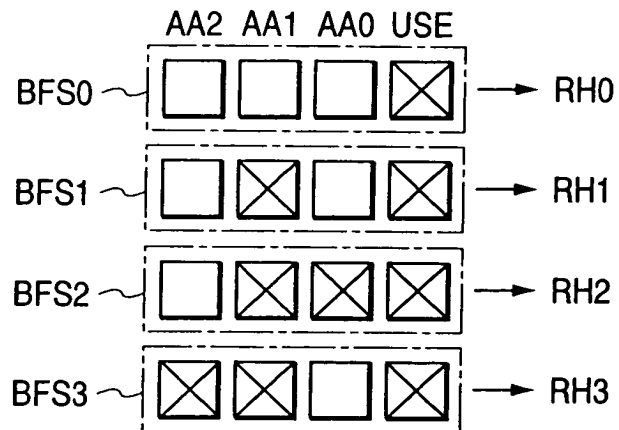
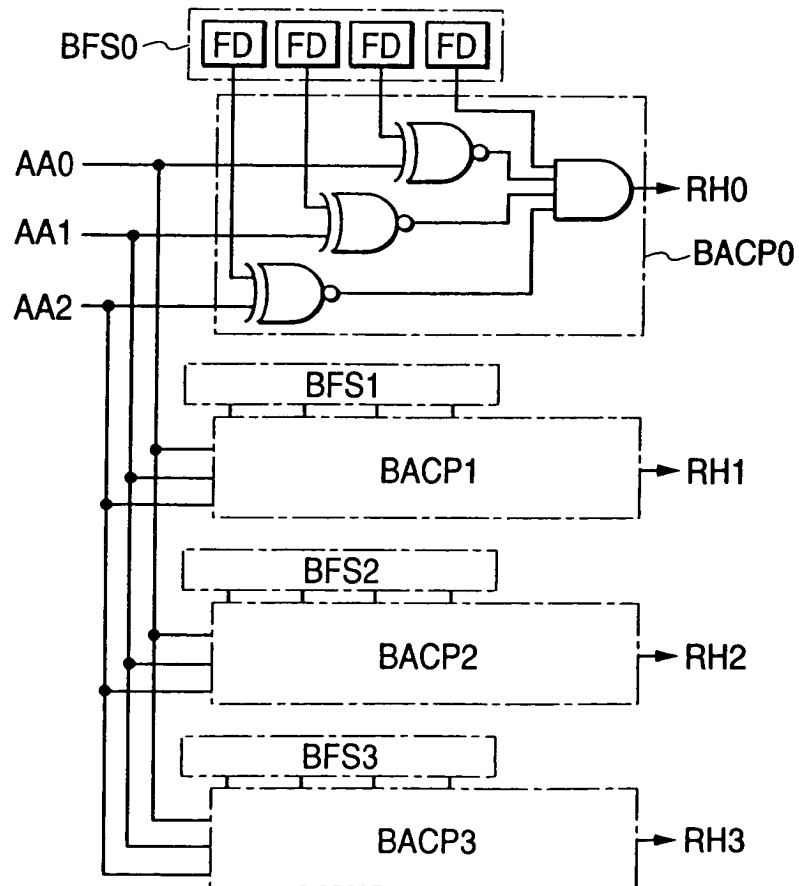
*FIG. 1*



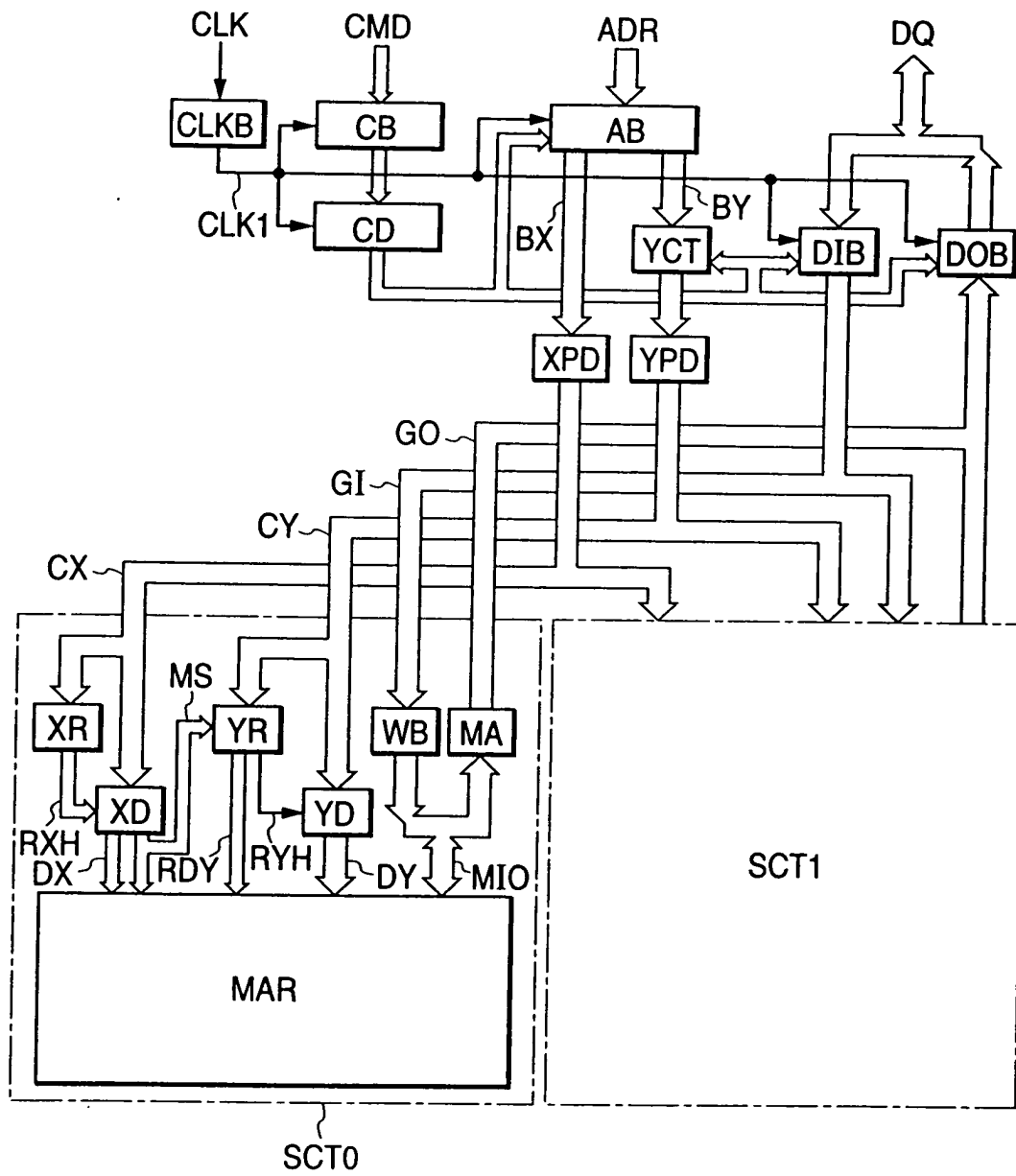
*FIG. 2*

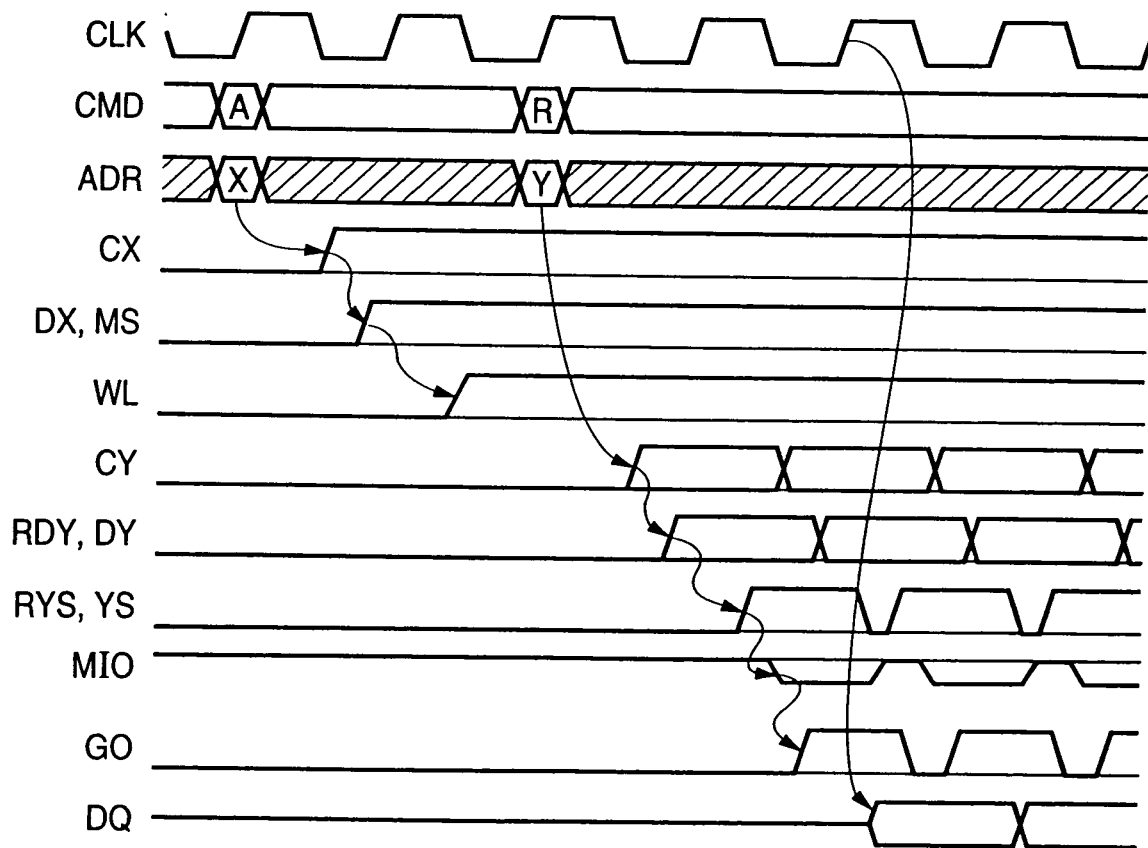


**FIG. 3****FIG. 4**

*FIG. 5**FIG. 6*

**FIG. 7**



*FIG. 8*

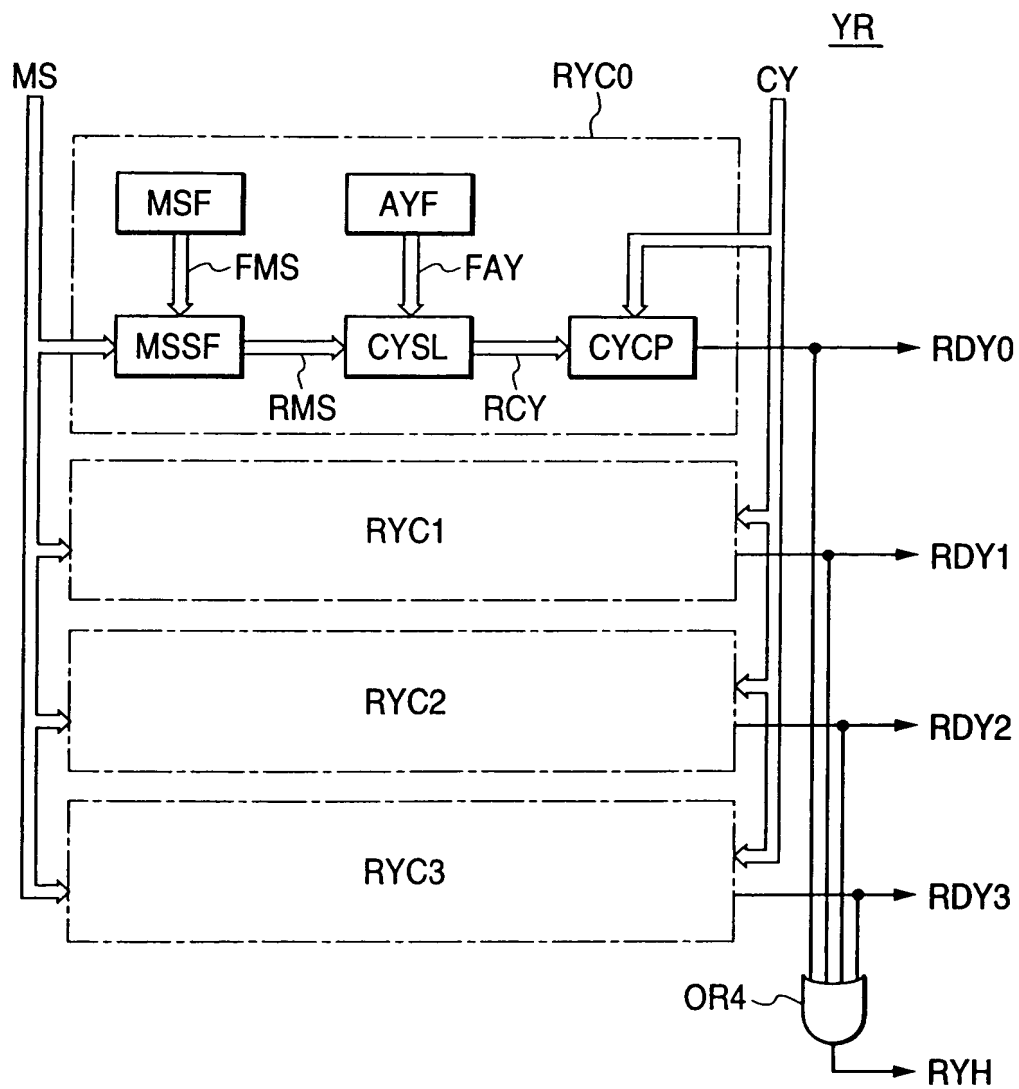
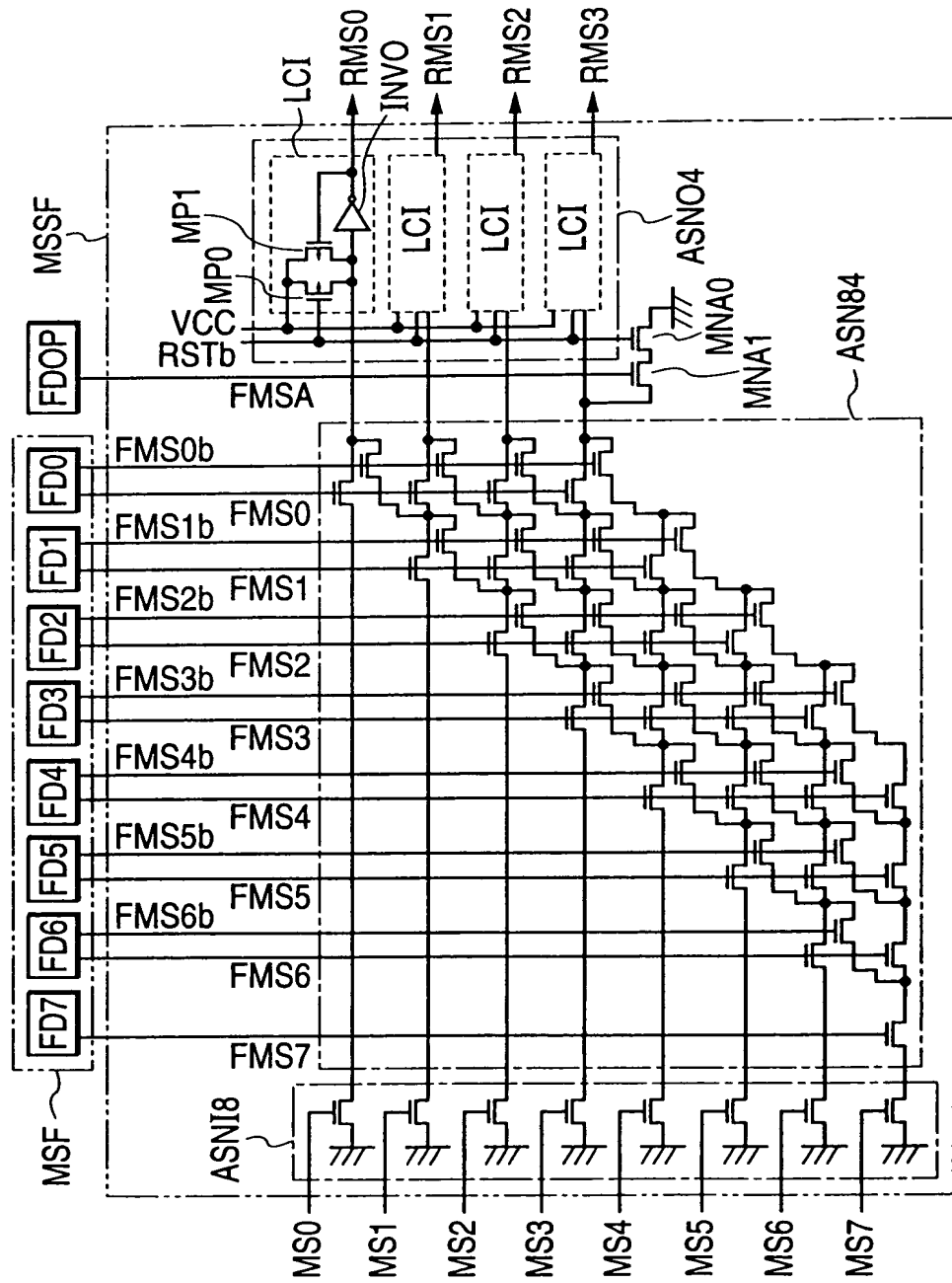
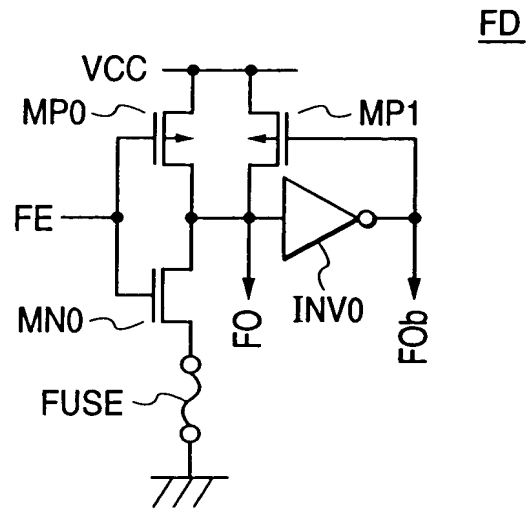
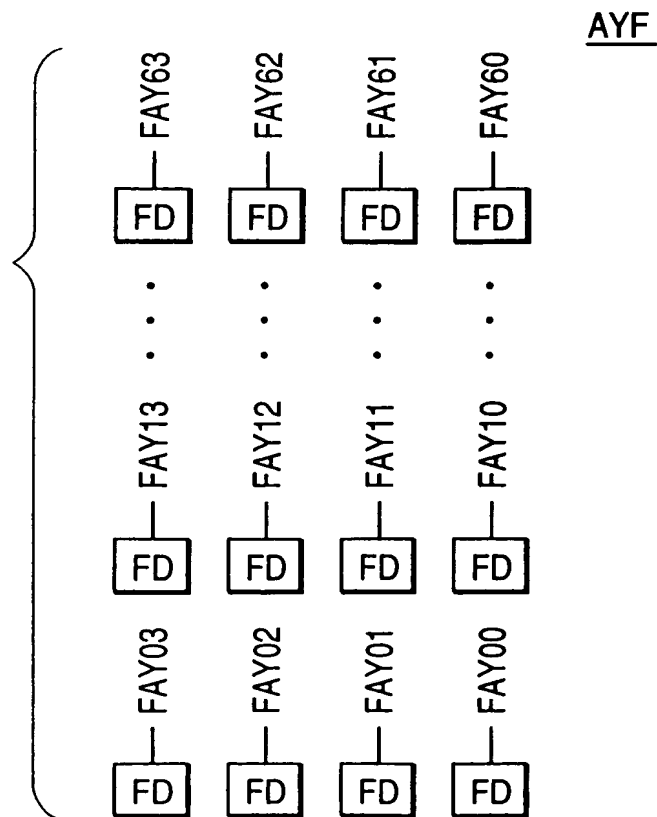
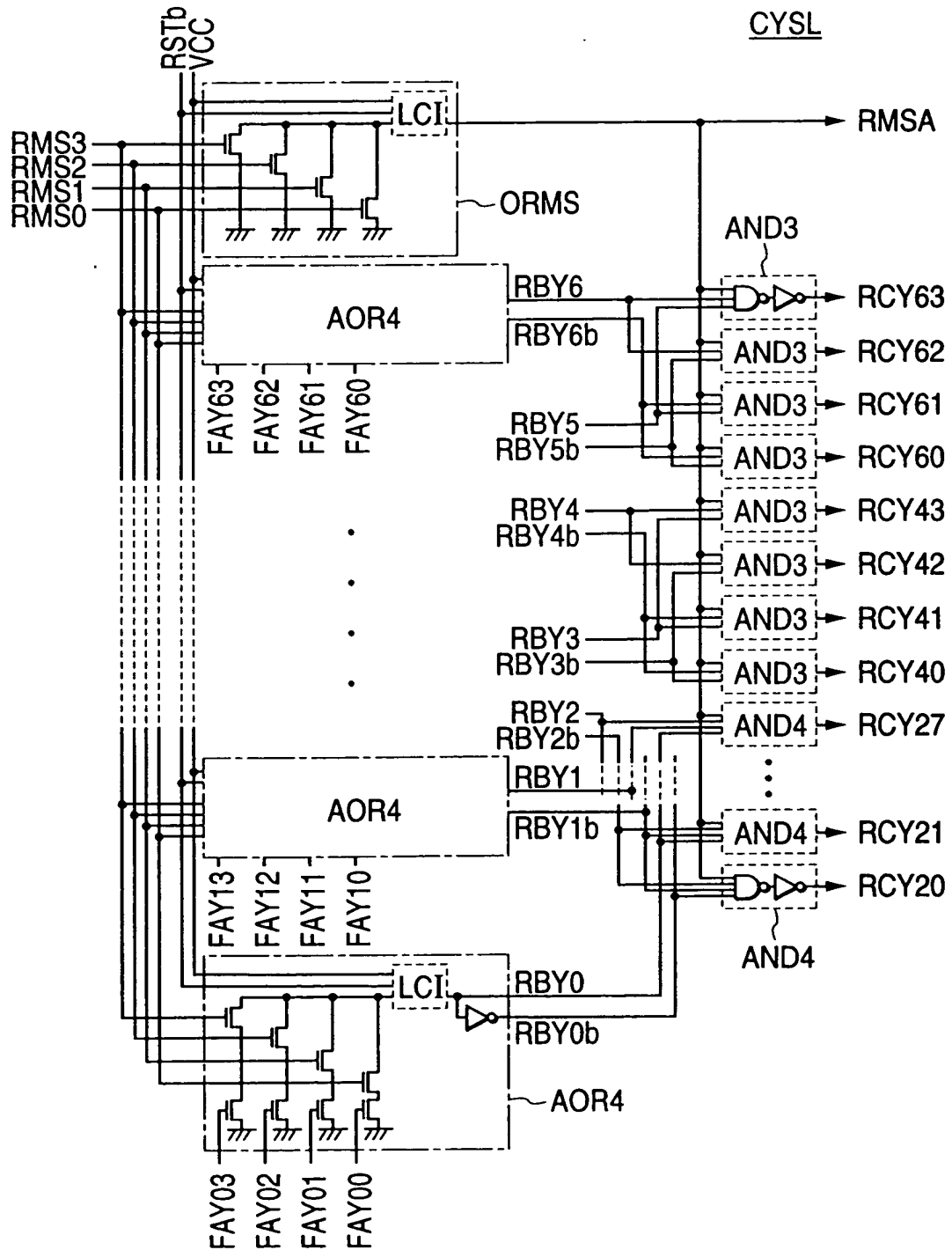
*FIG. 9*

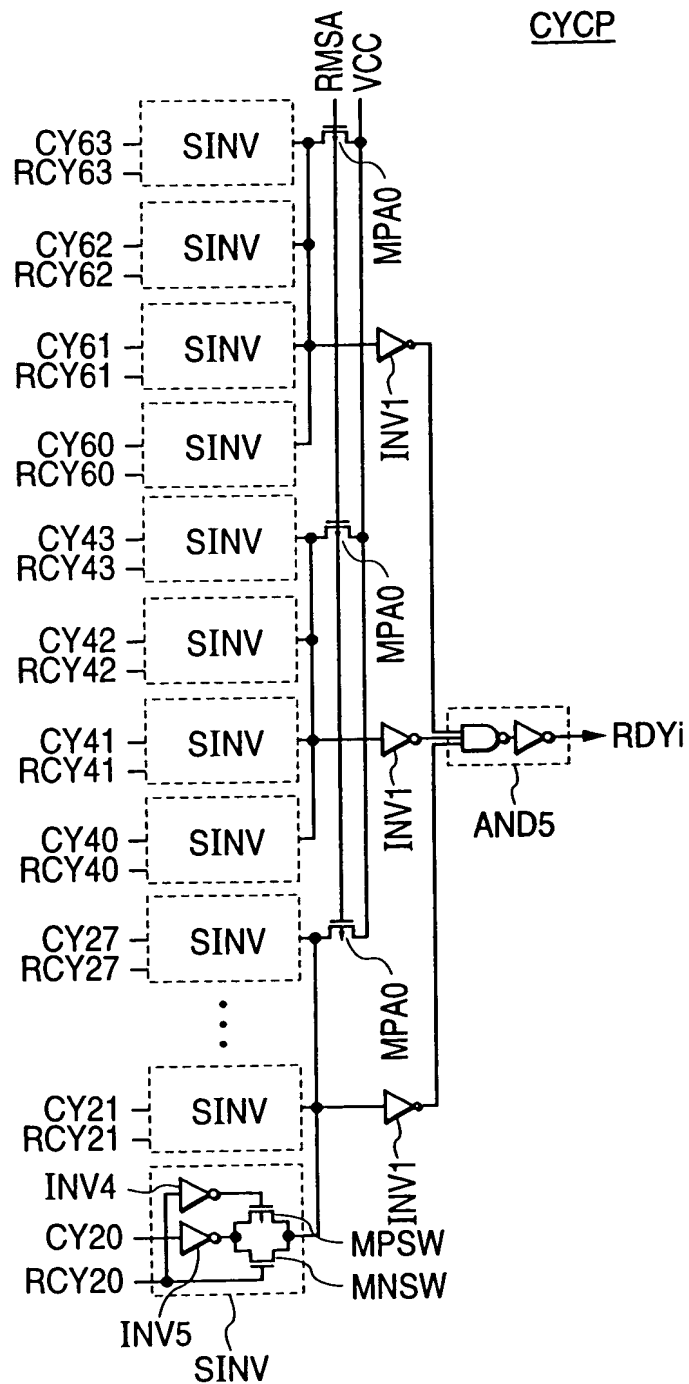
FIG. 10

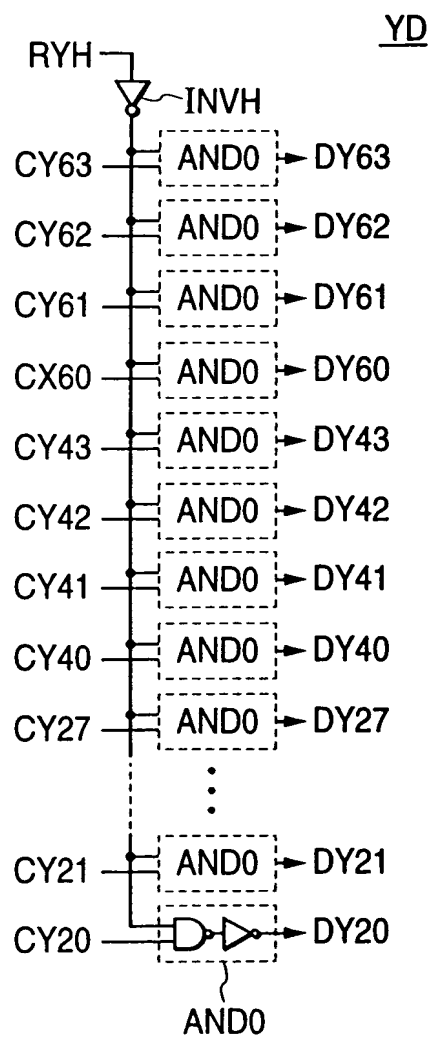


**FIG. 11****FIG. 12**



**FIG. 13**

**FIG. 14**

**FIG. 15**

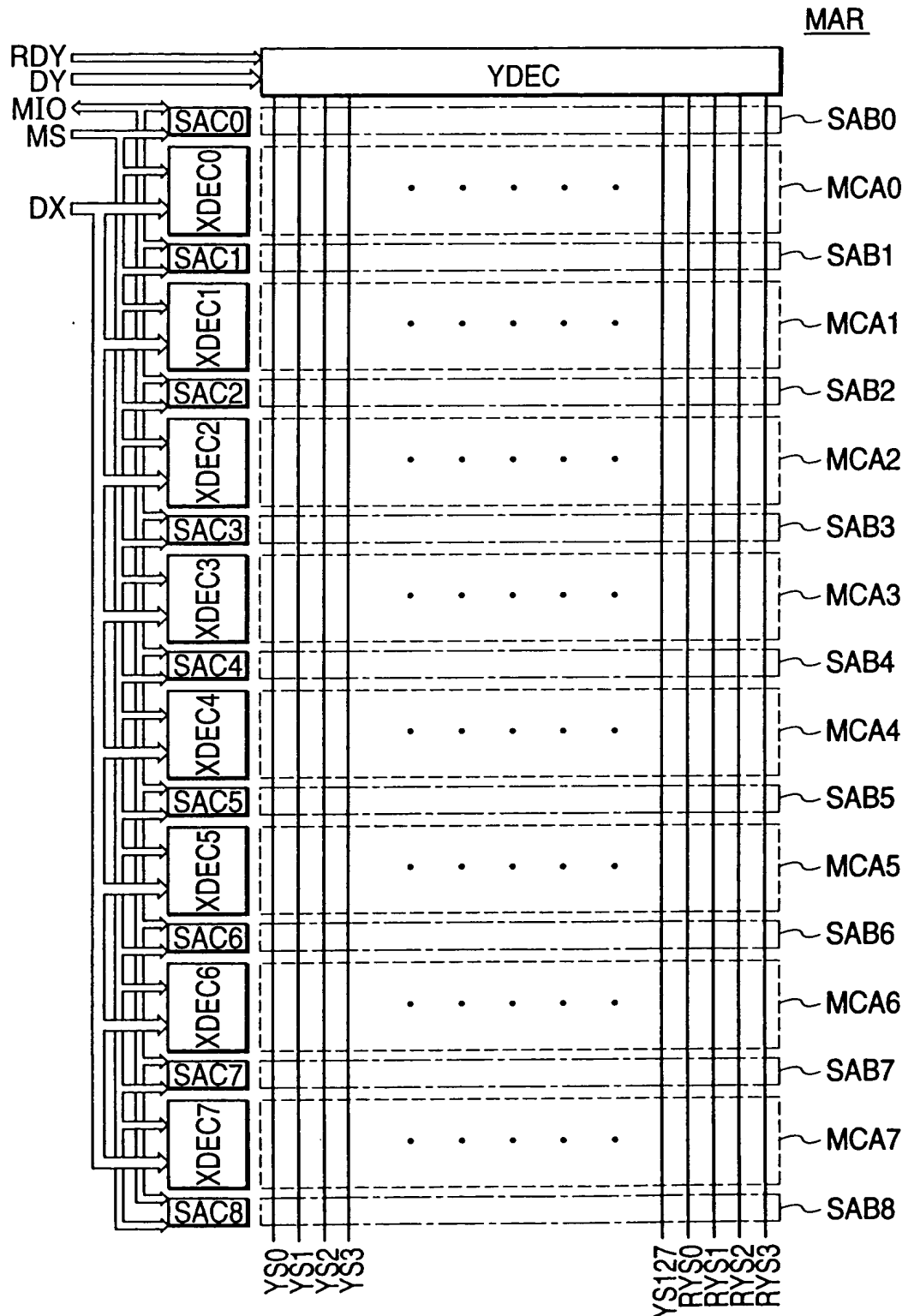
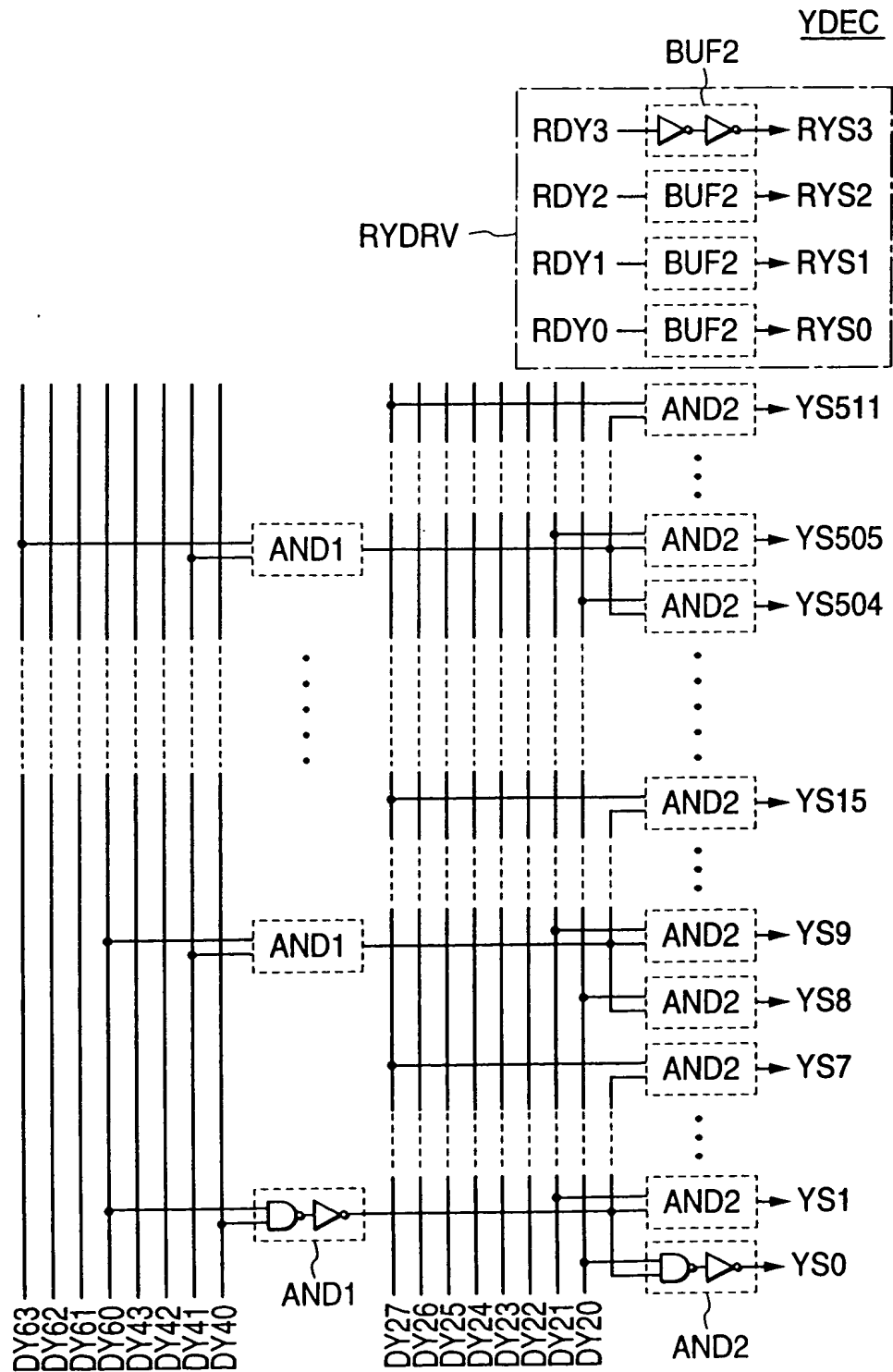
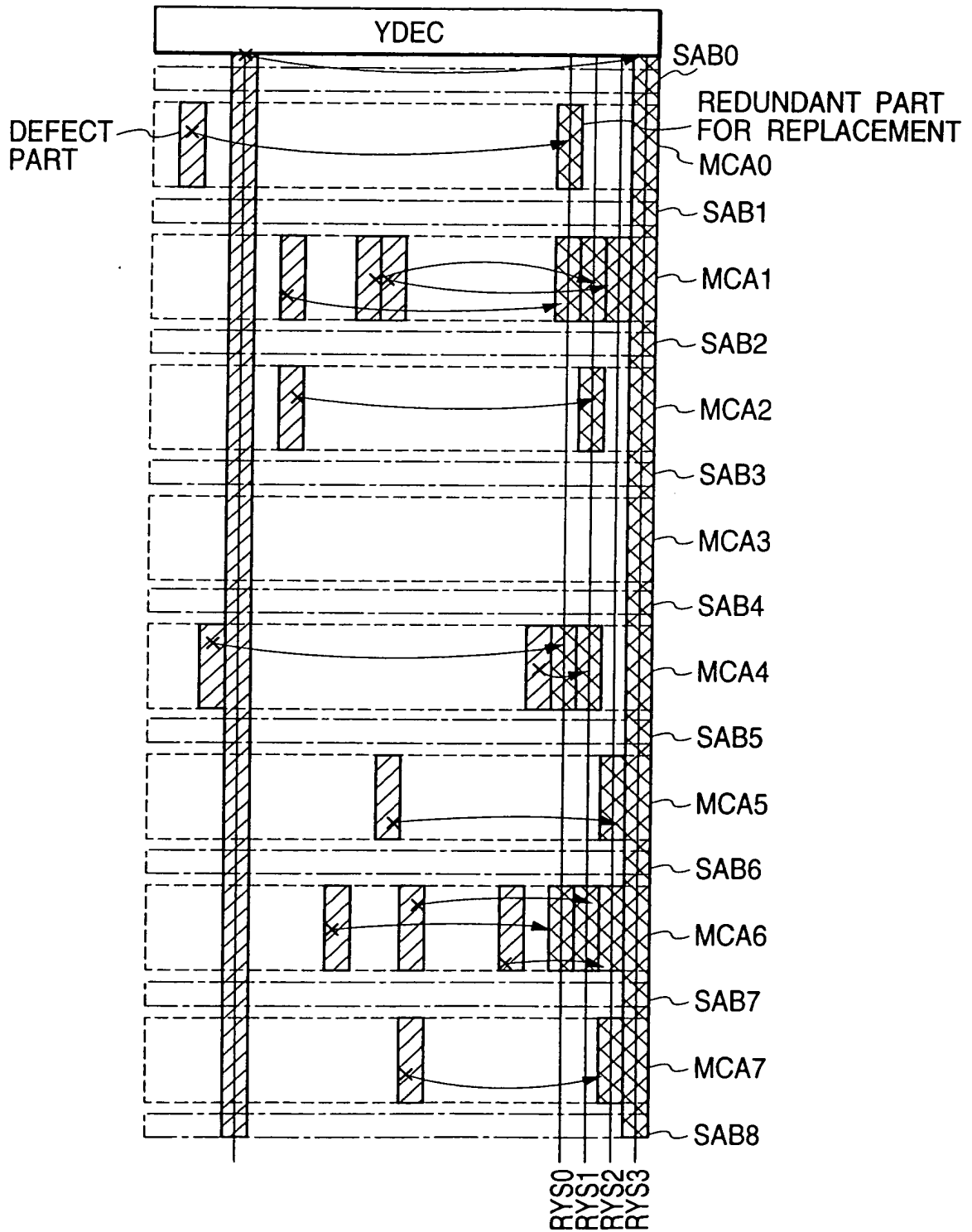
**FIG. 16**

FIG. 17





**FIG. 19**

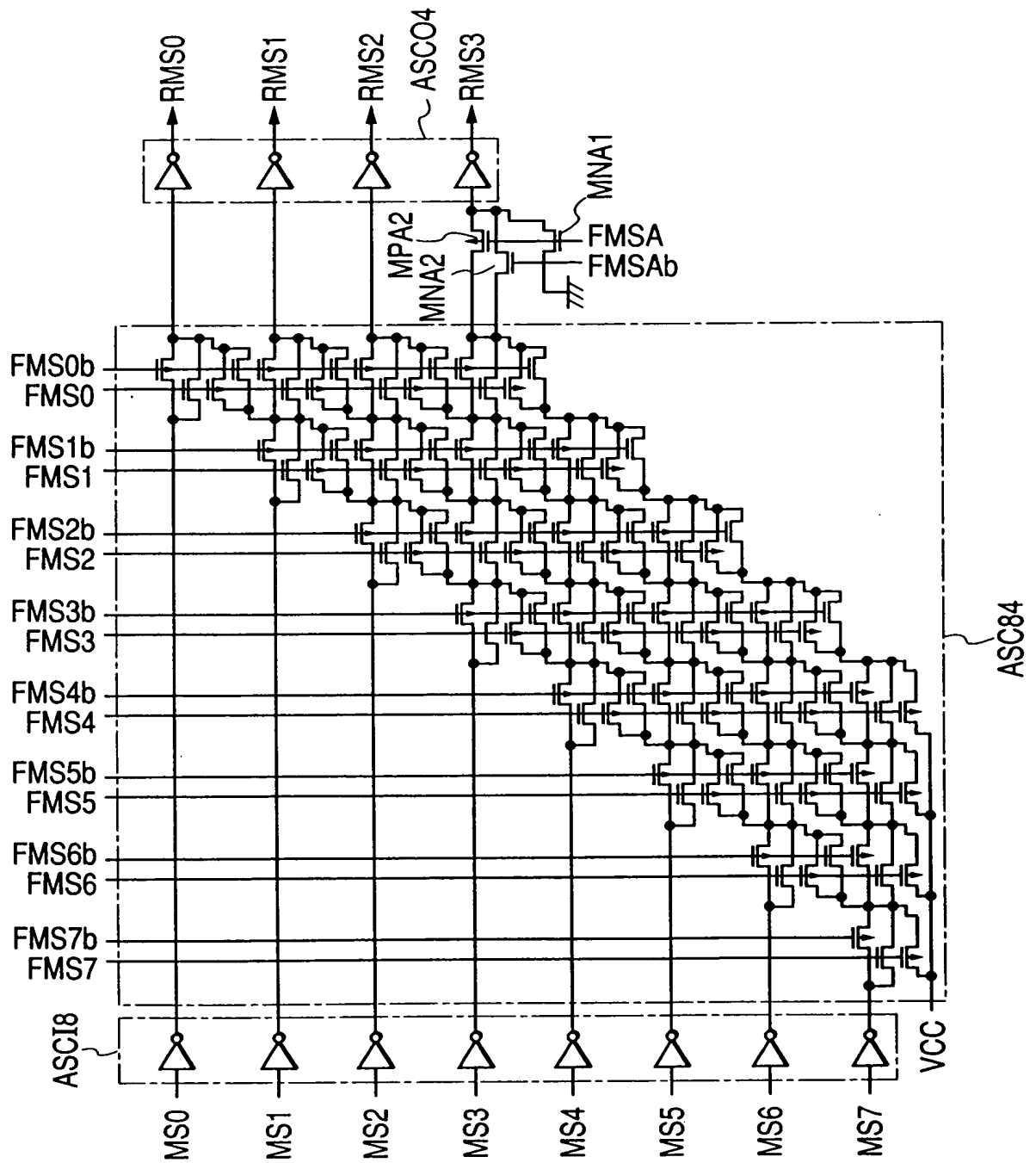
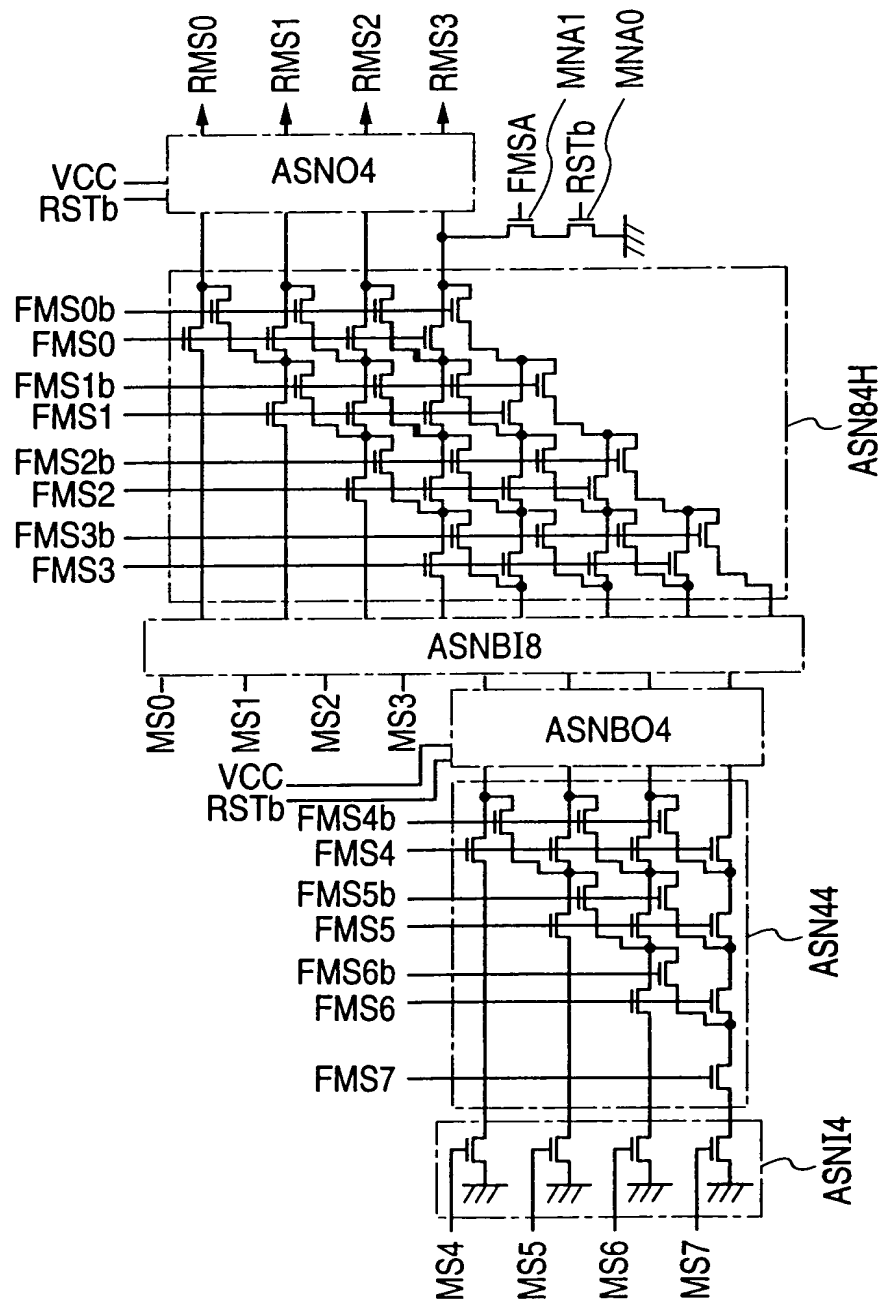
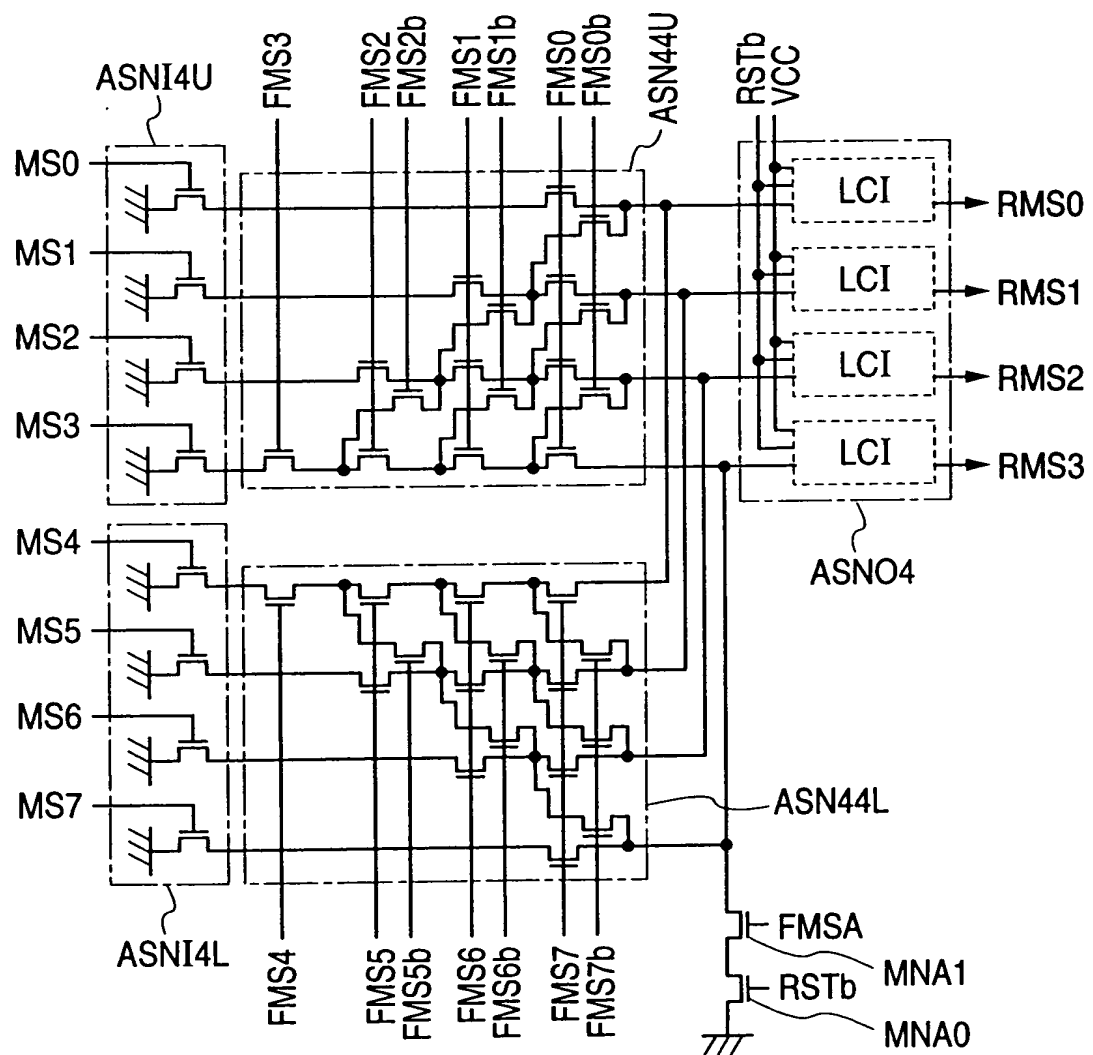


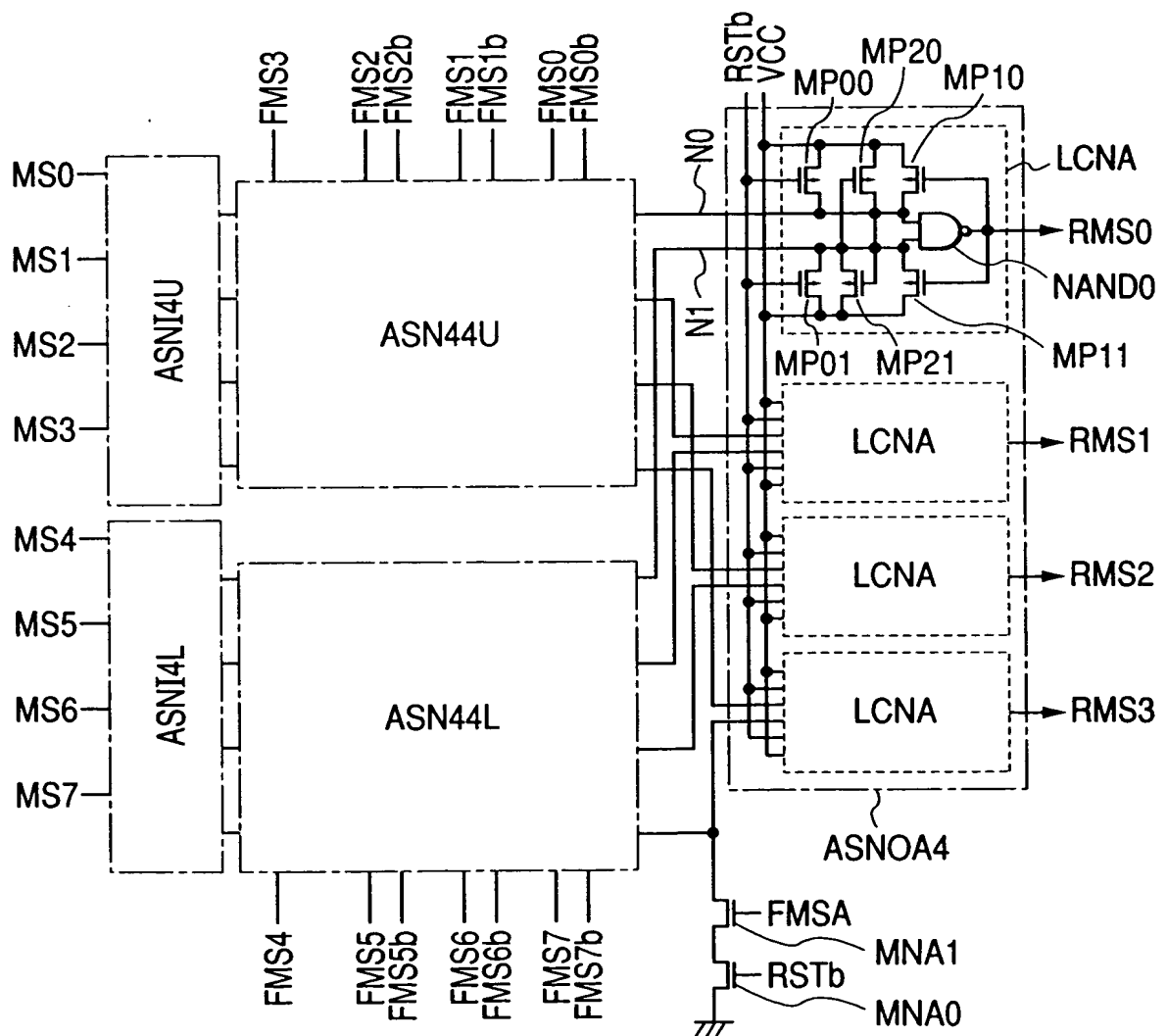
FIG. 20

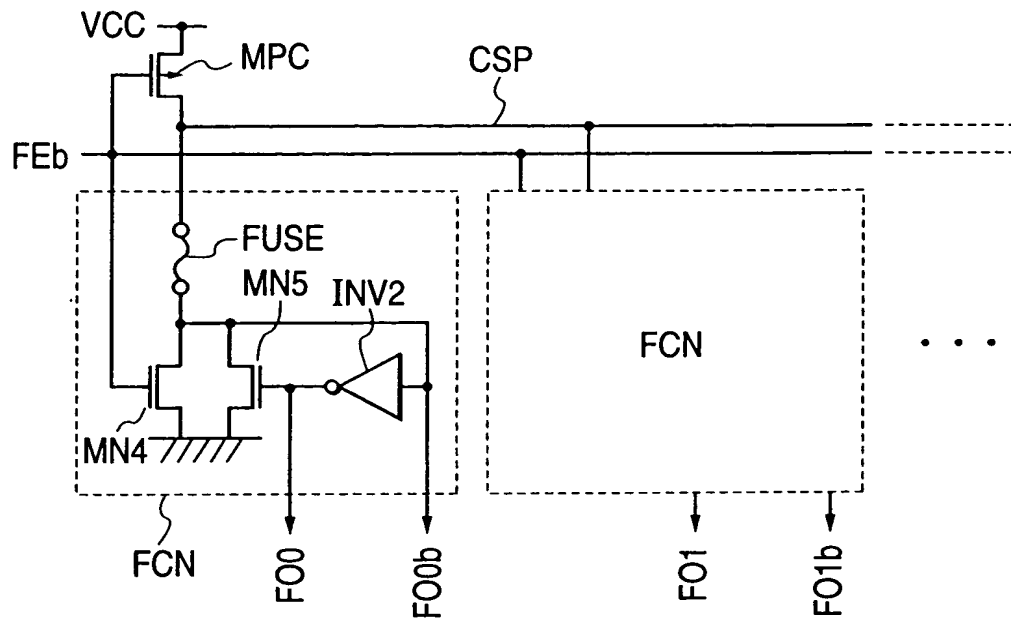
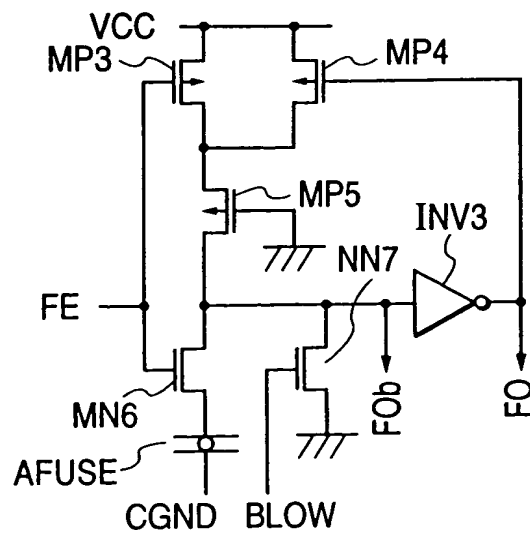


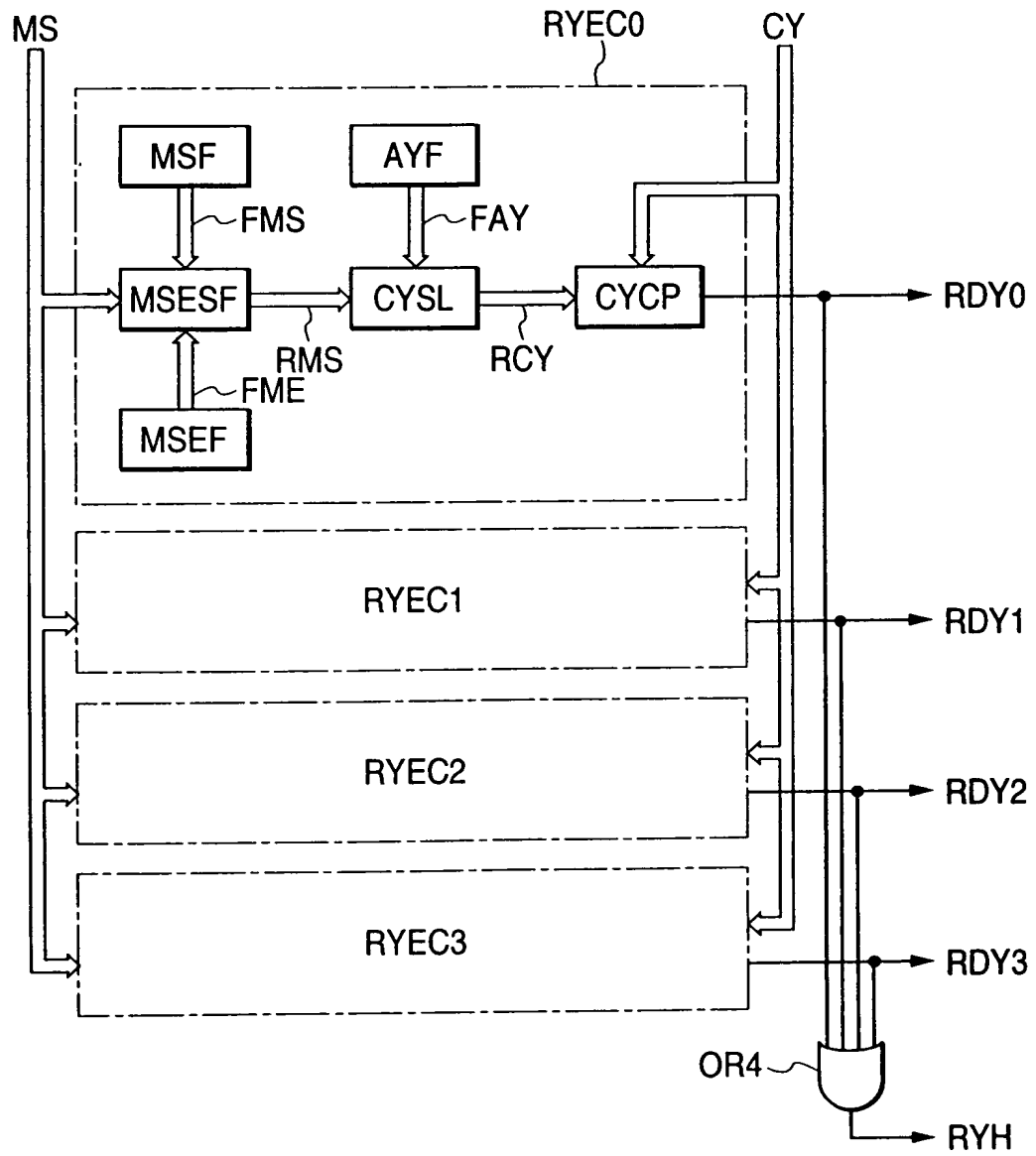
FIG. 21

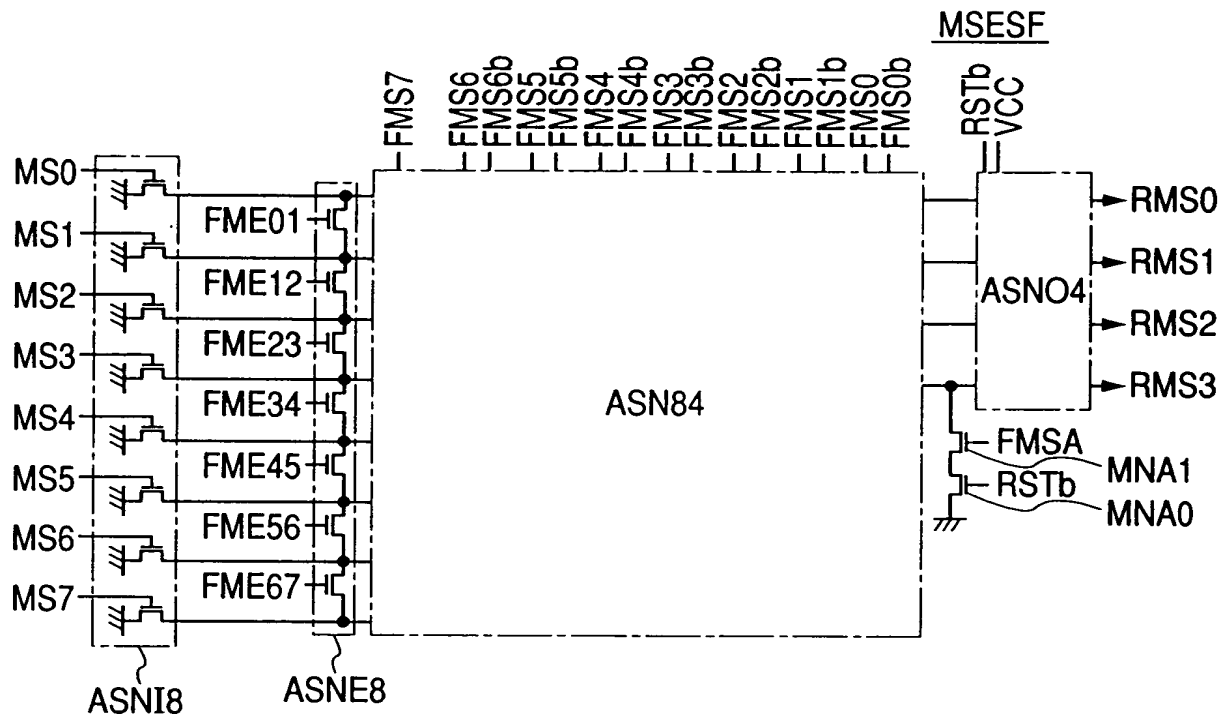
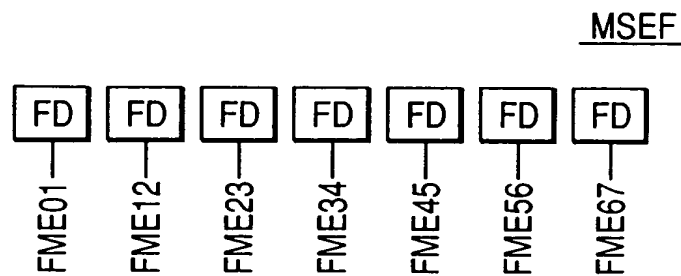


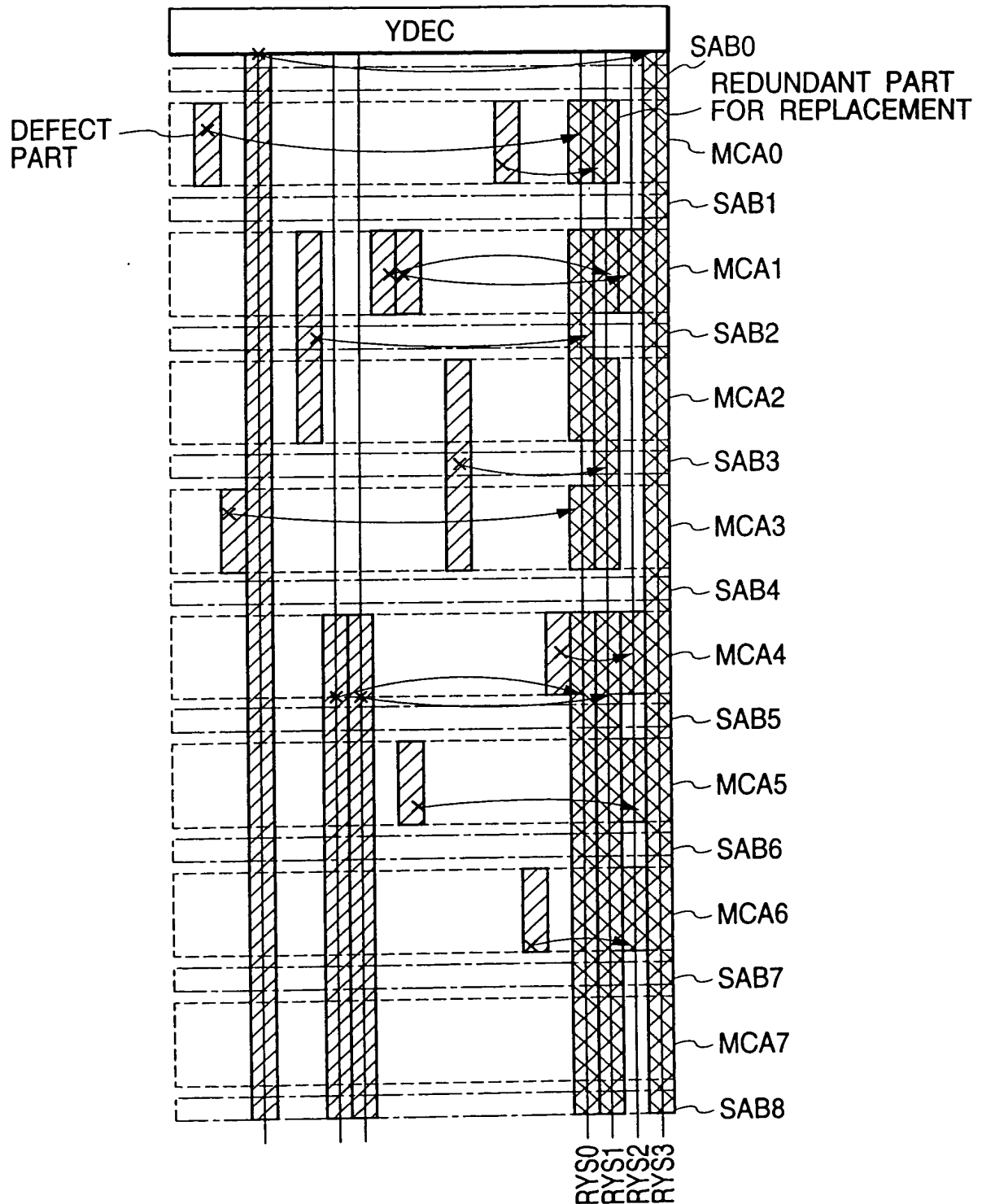
**FIG. 22**

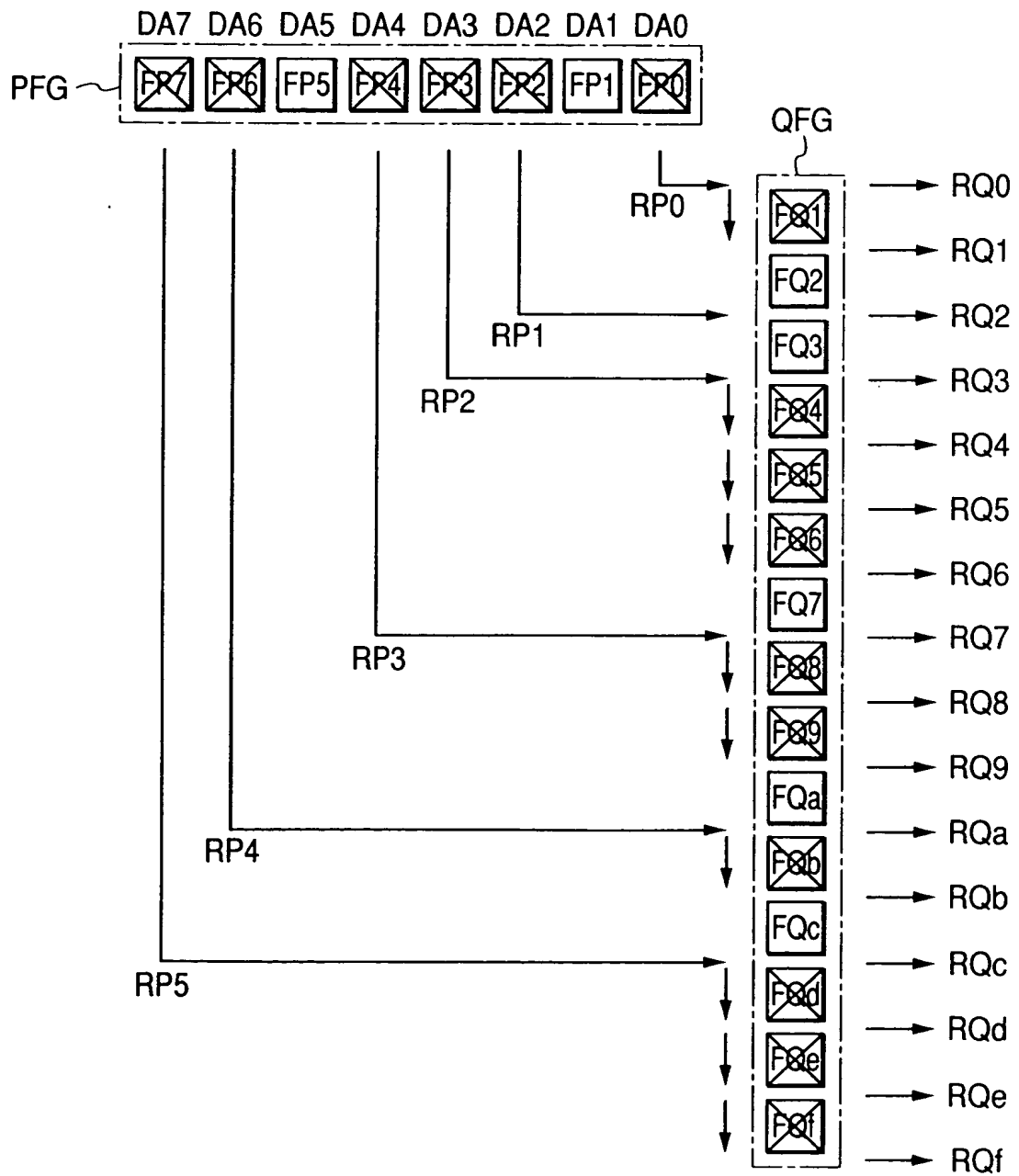
*FIG. 23*

*FIG. 24**FIG. 25*

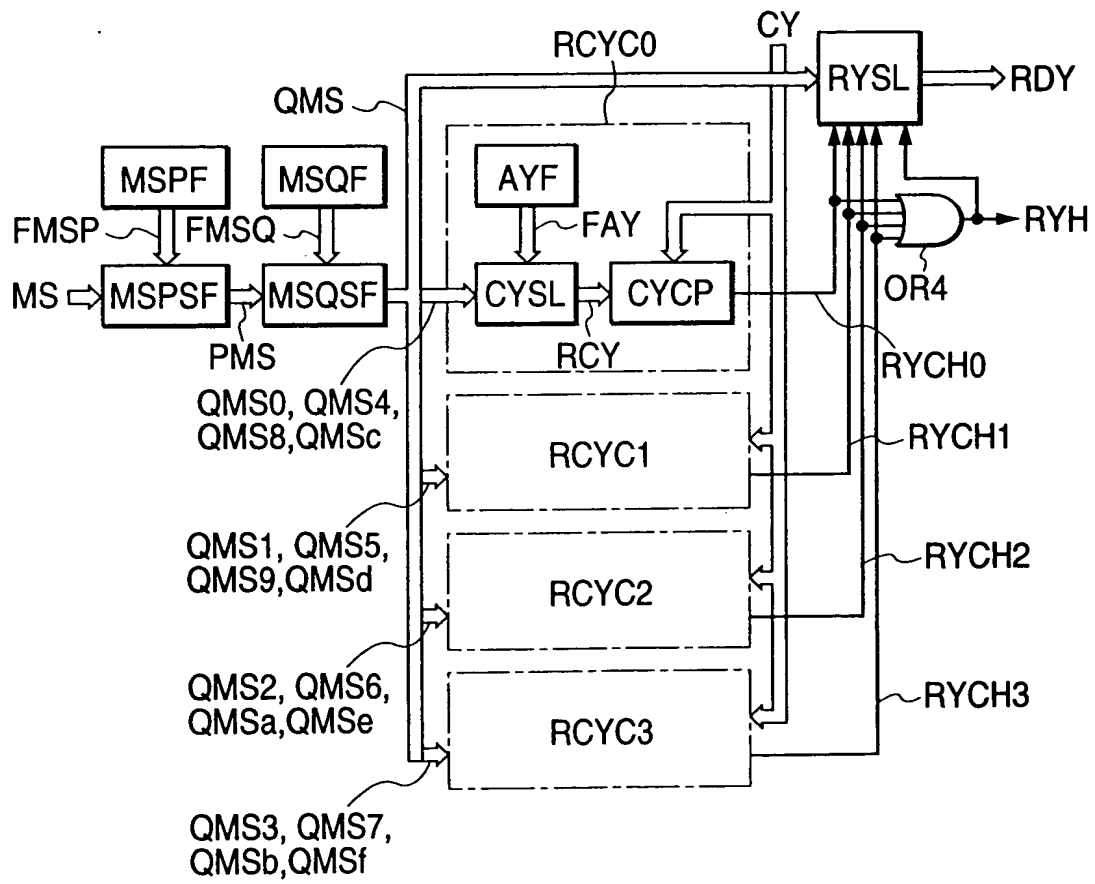
*FIG. 26*

*FIG. 27**FIG. 28*

**FIG. 29**

**FIG. 30**



**FIG. 31**

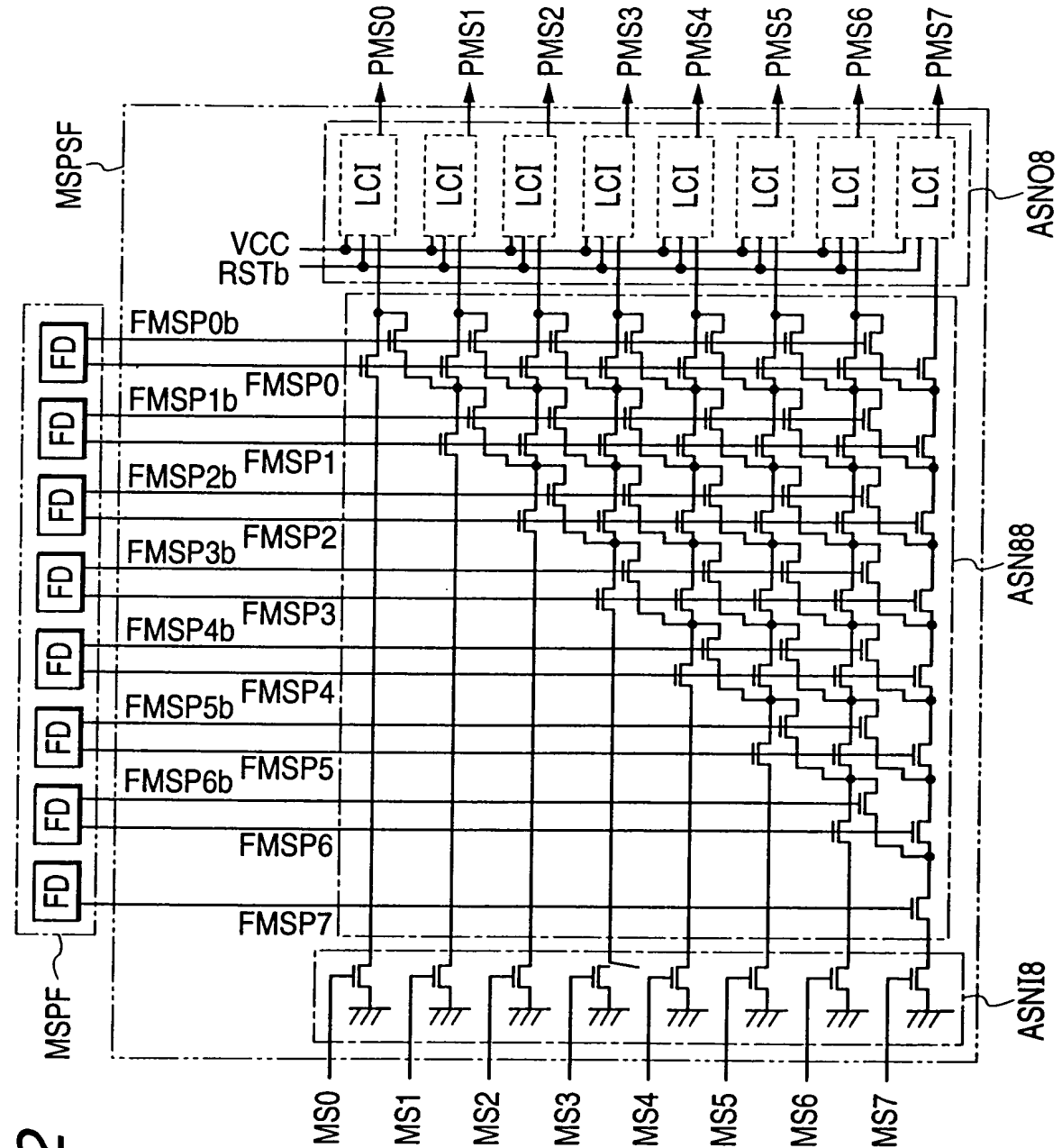
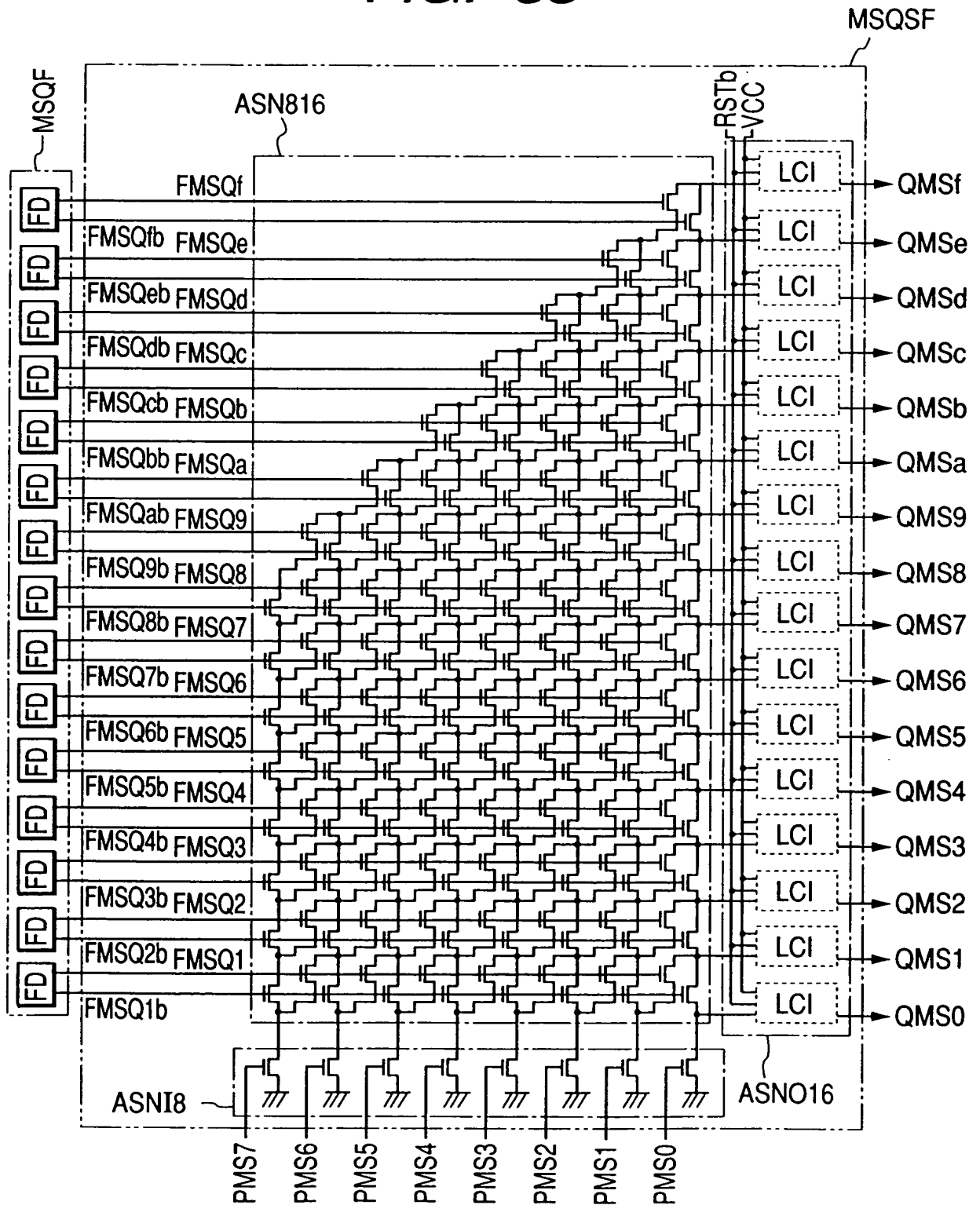
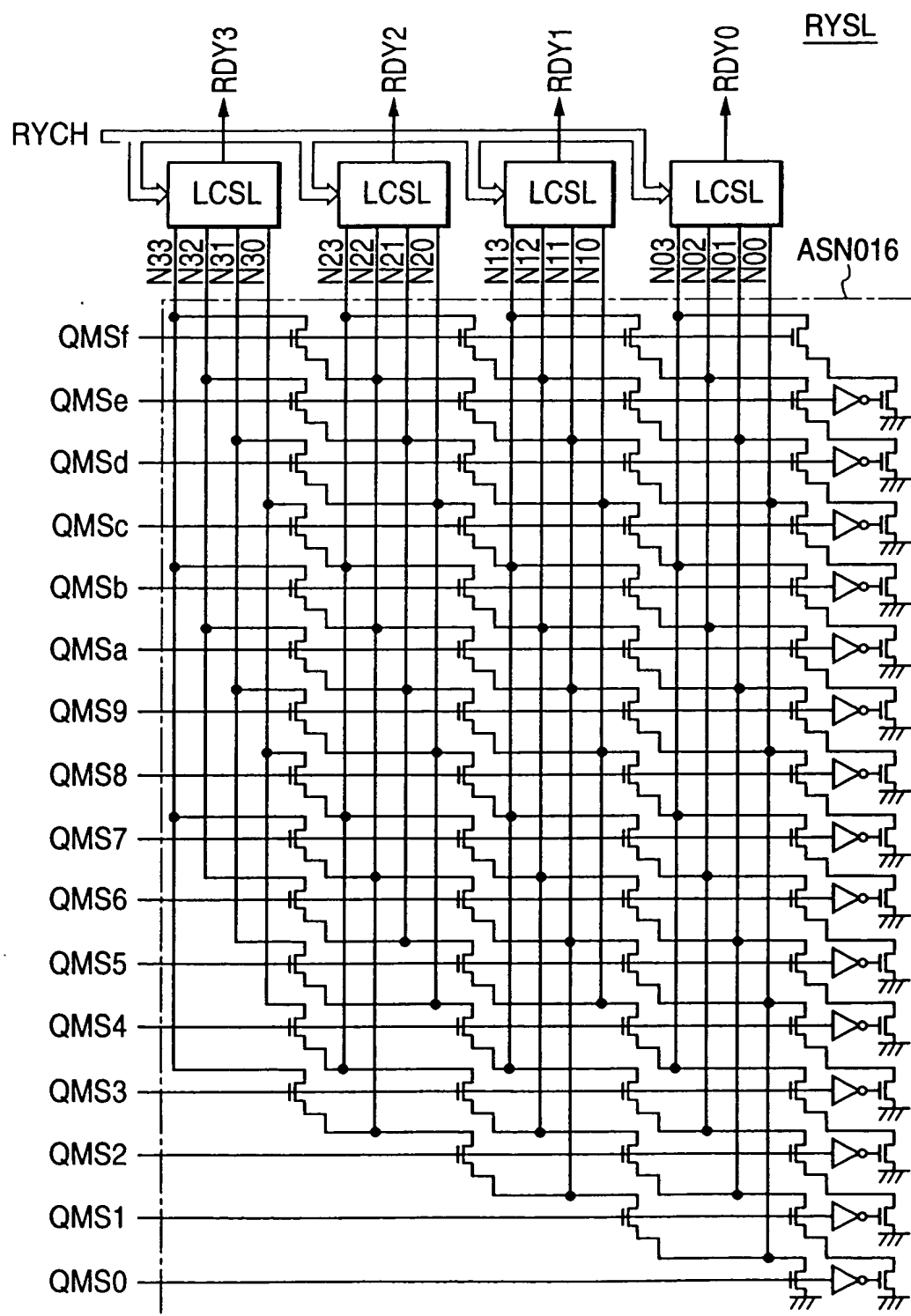
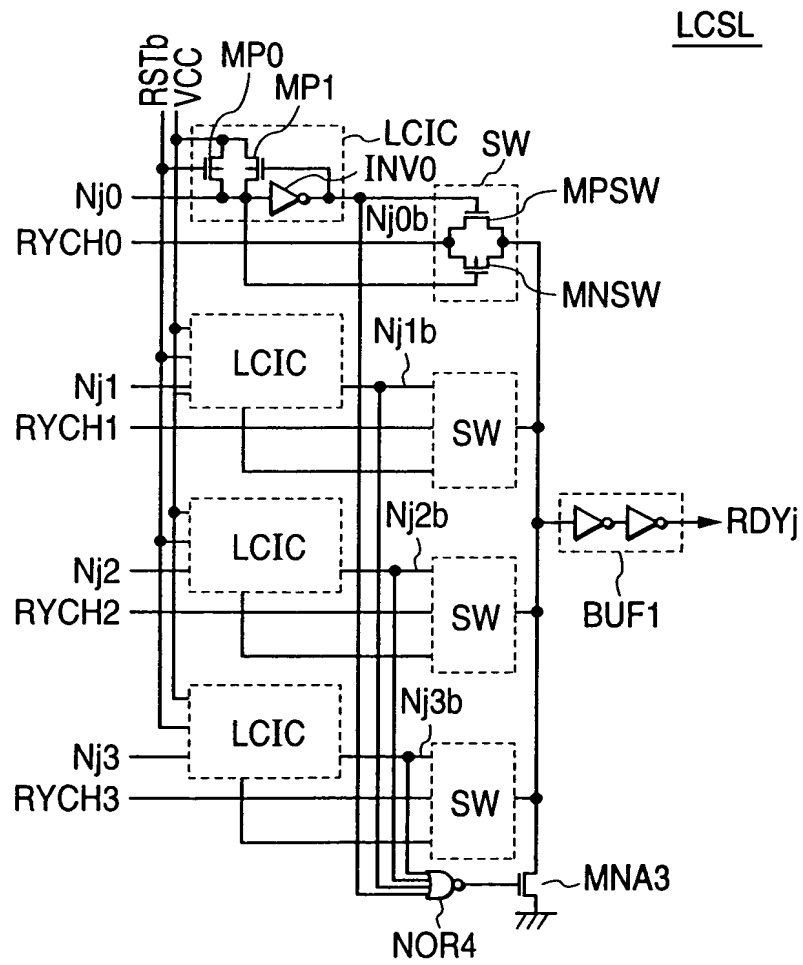


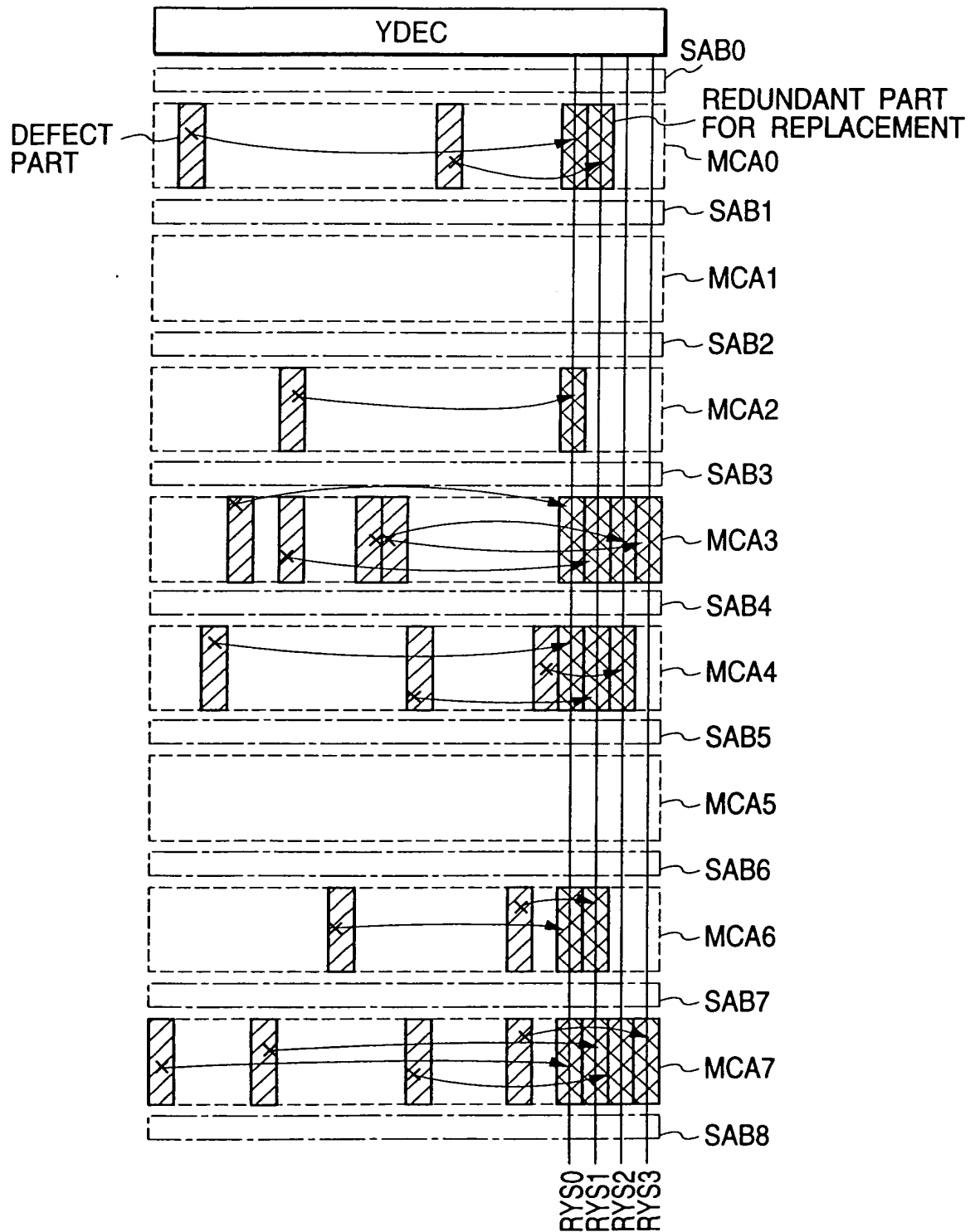
FIG. 32

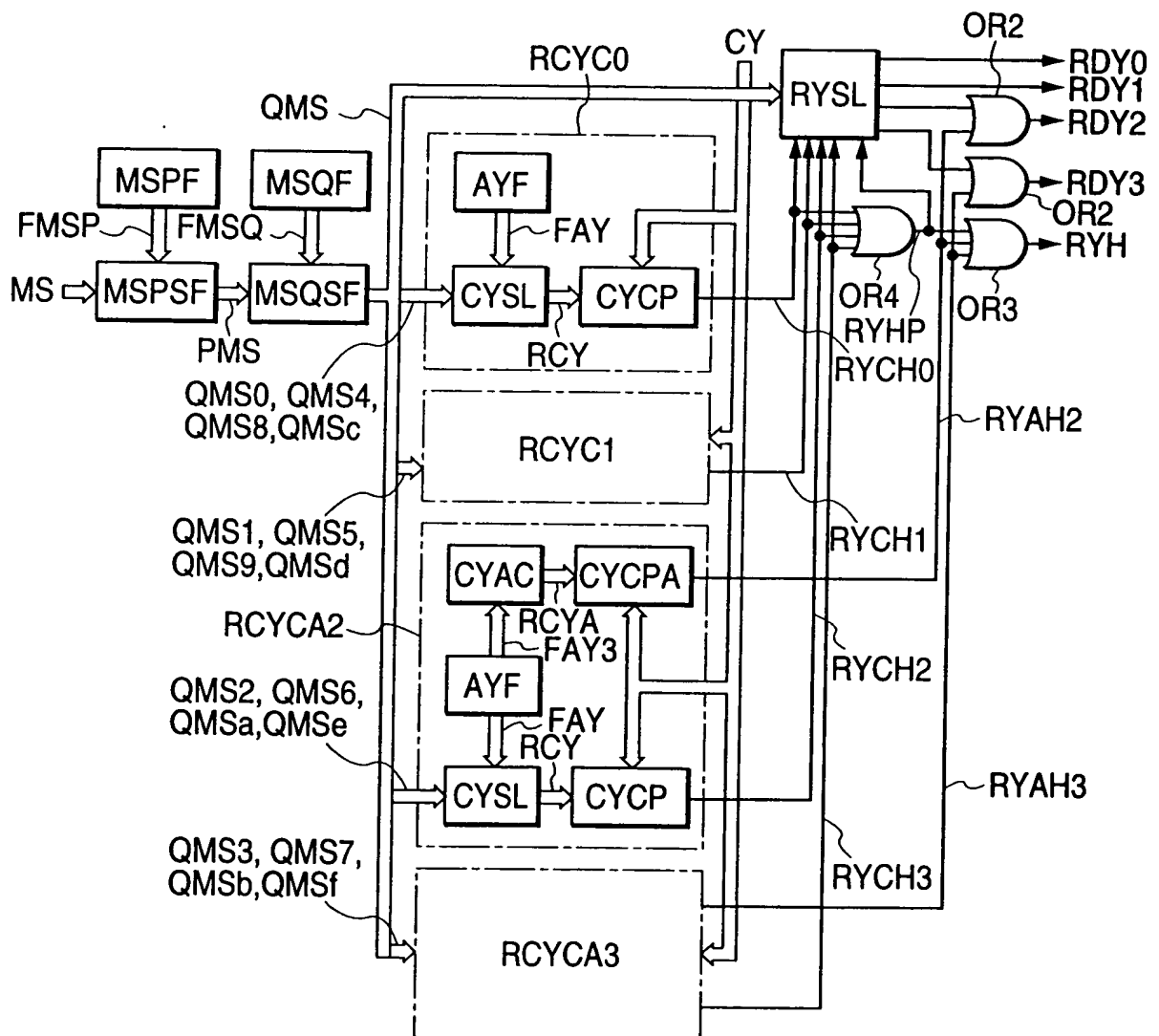
FIG. 33

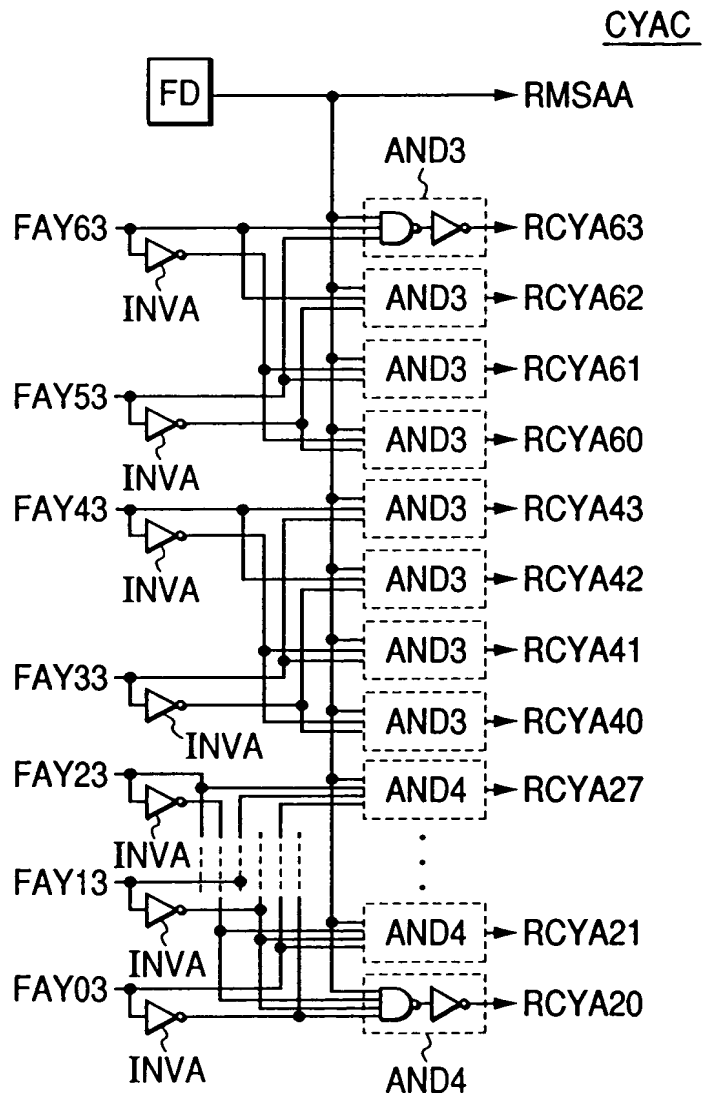




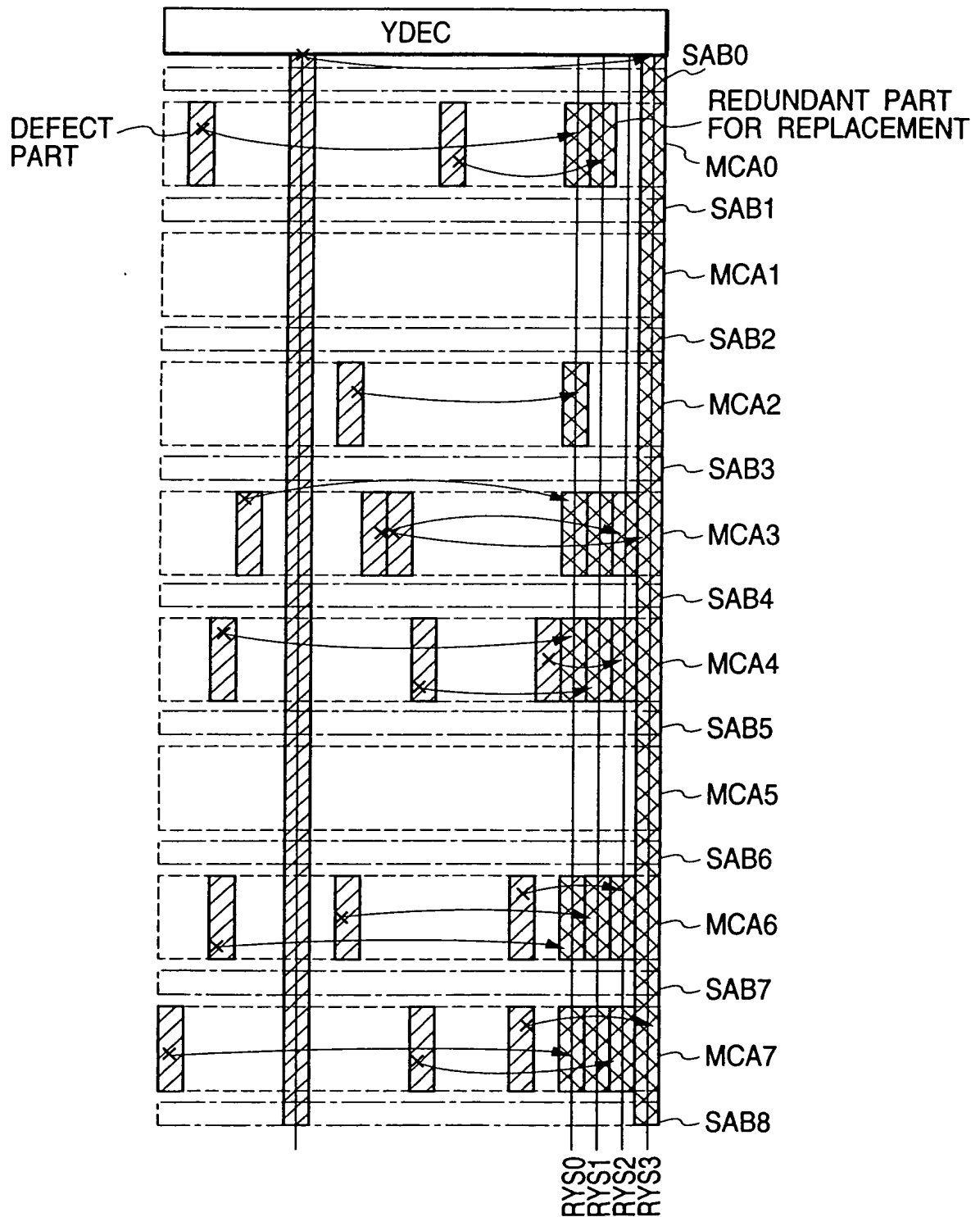
**FIG. 35**

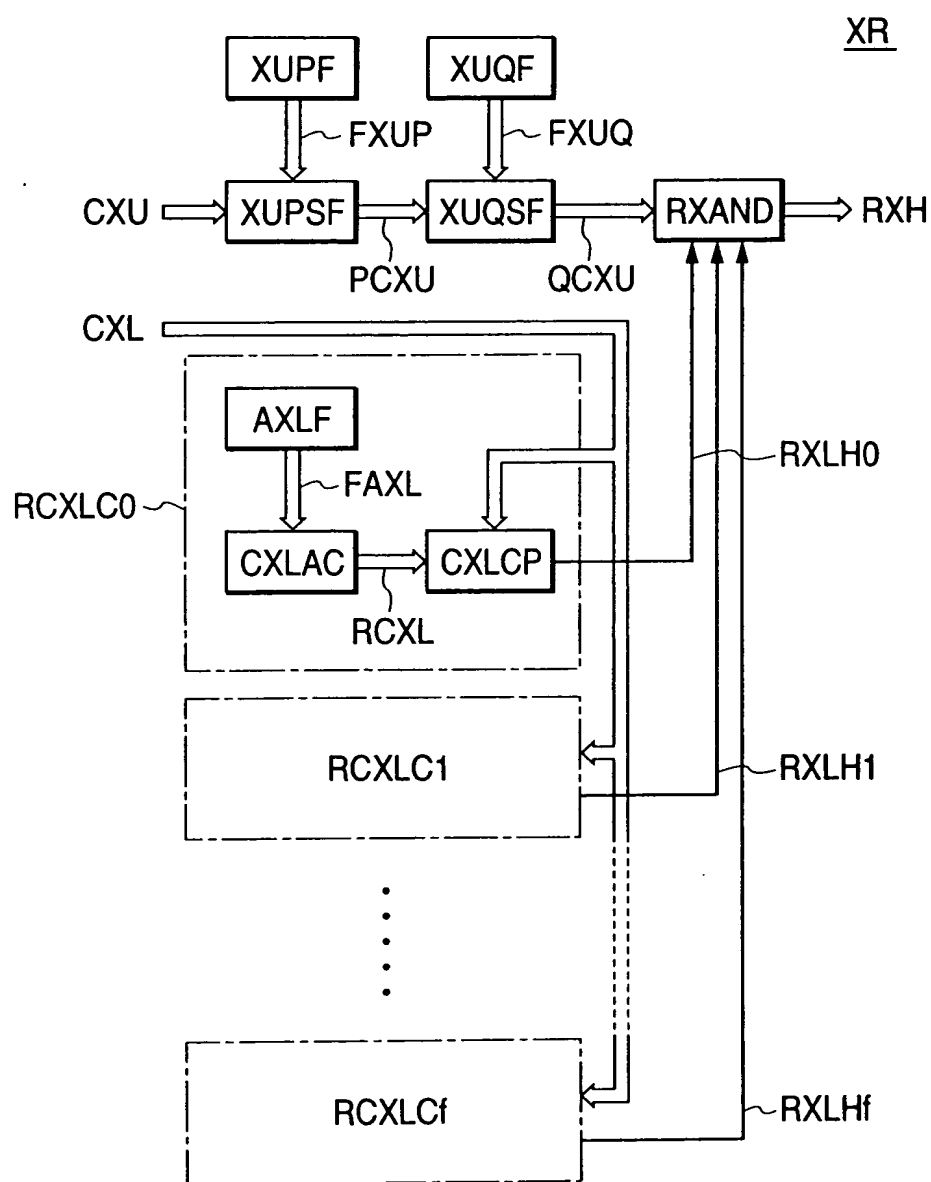
**FIG. 36**

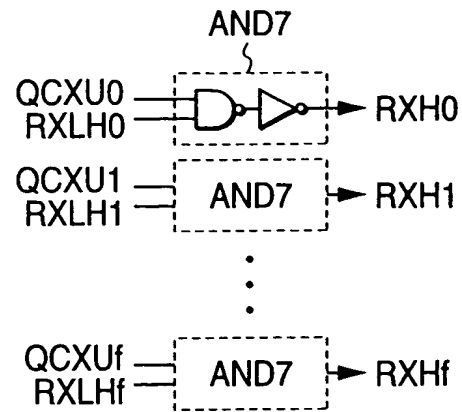
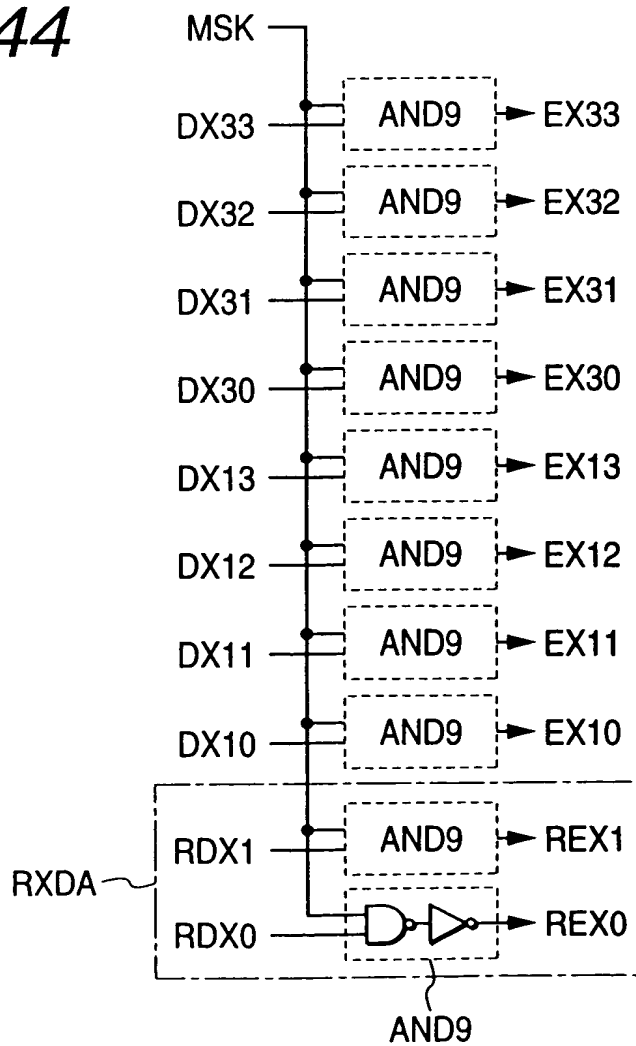
**FIG. 37**

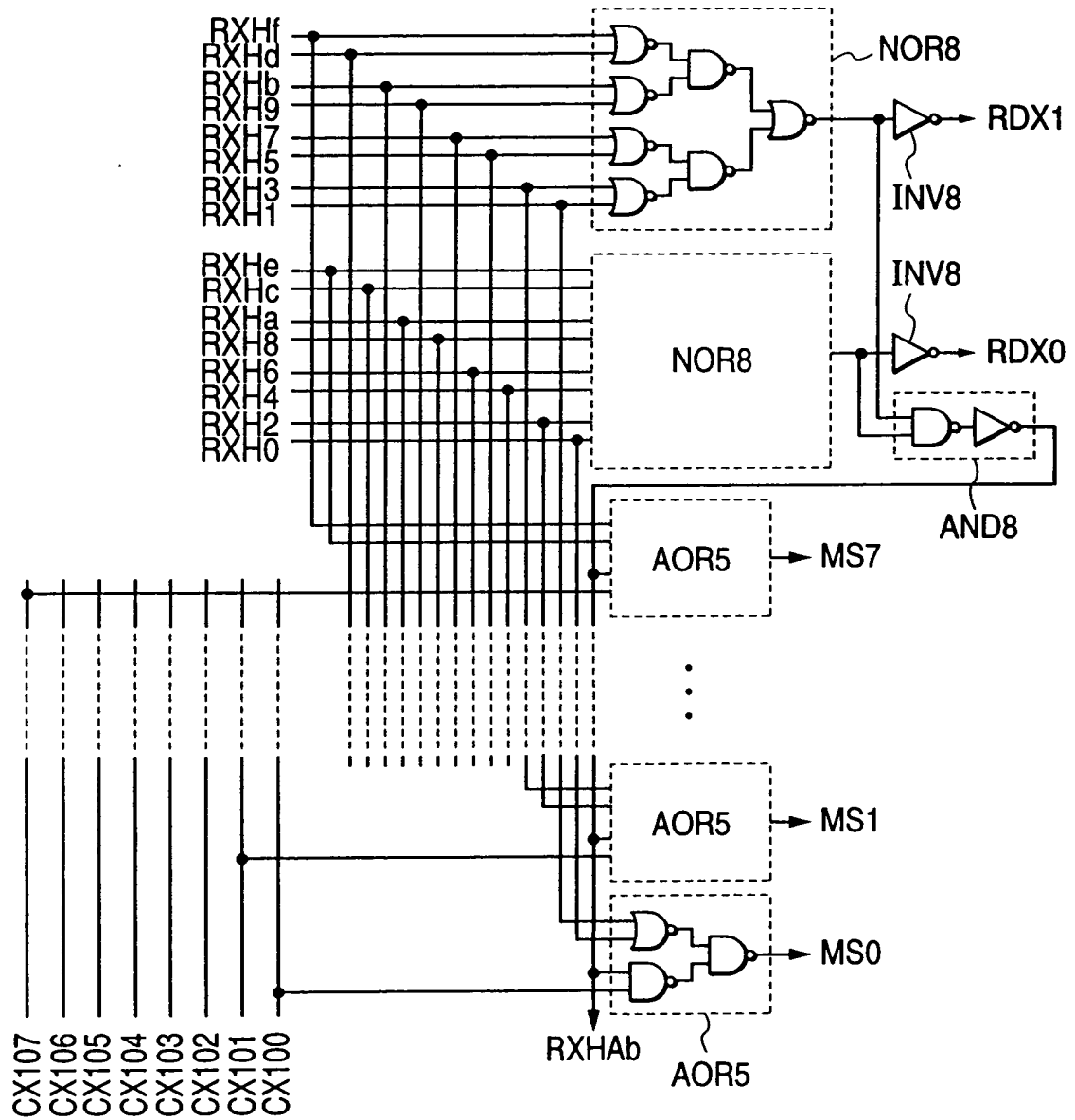
**FIG. 38**



**FIG. 39**

**FIG. 40**

*FIG. 41**FIG. 44*

*FIG. 42*

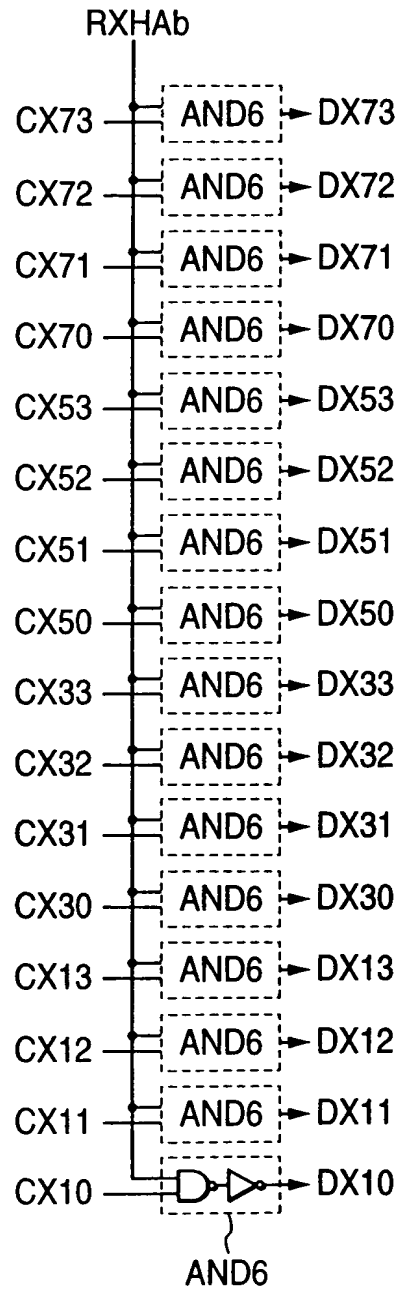
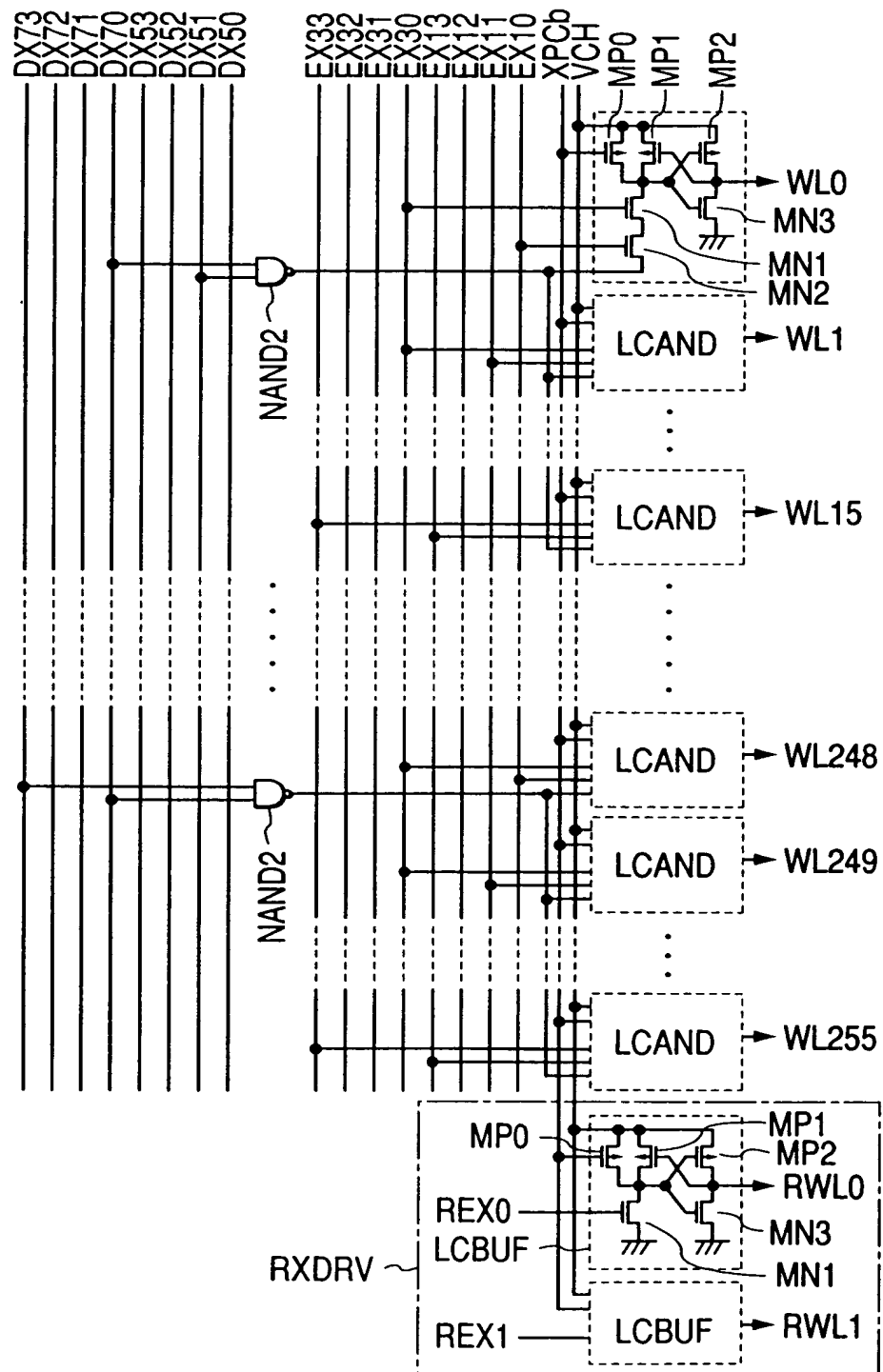
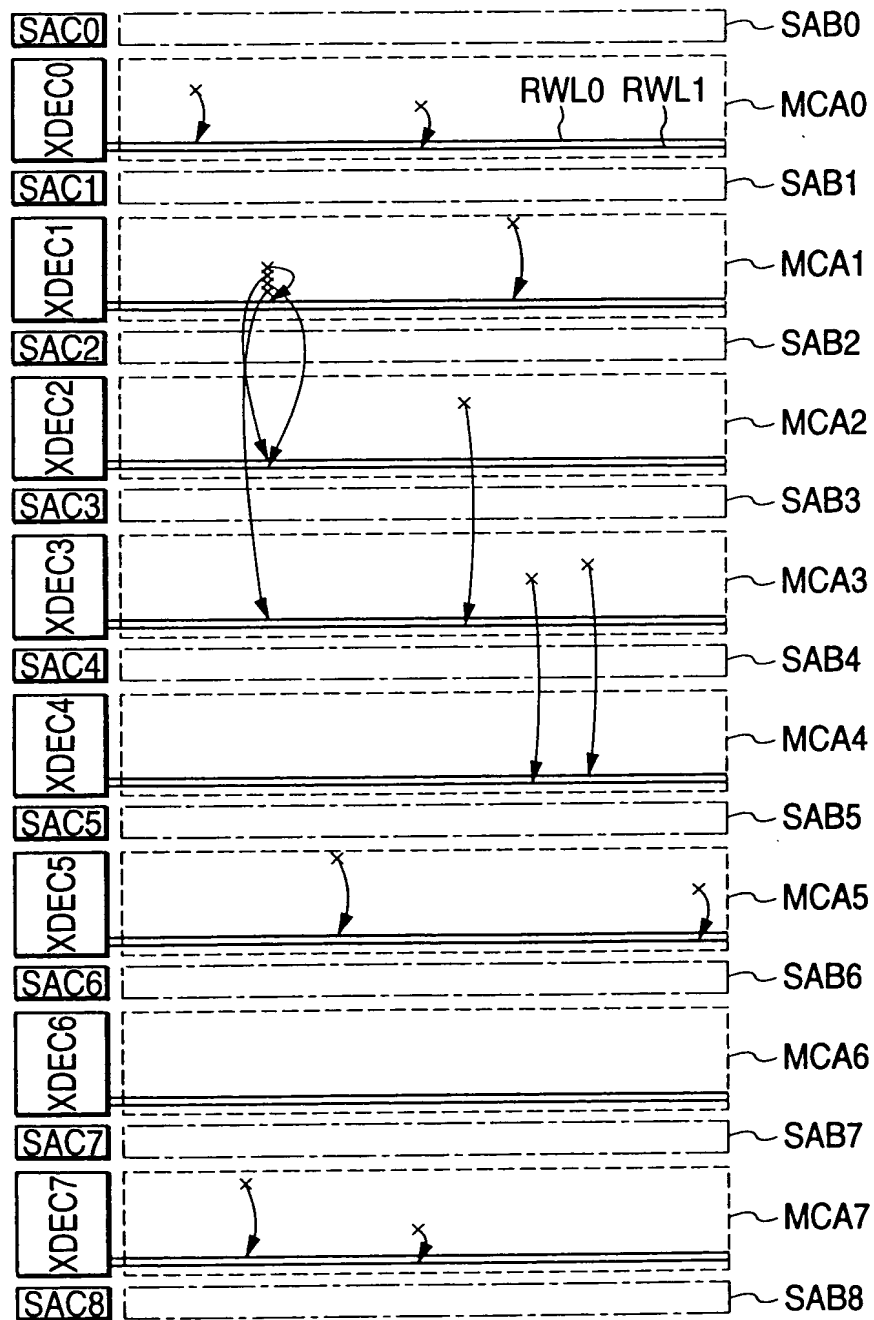
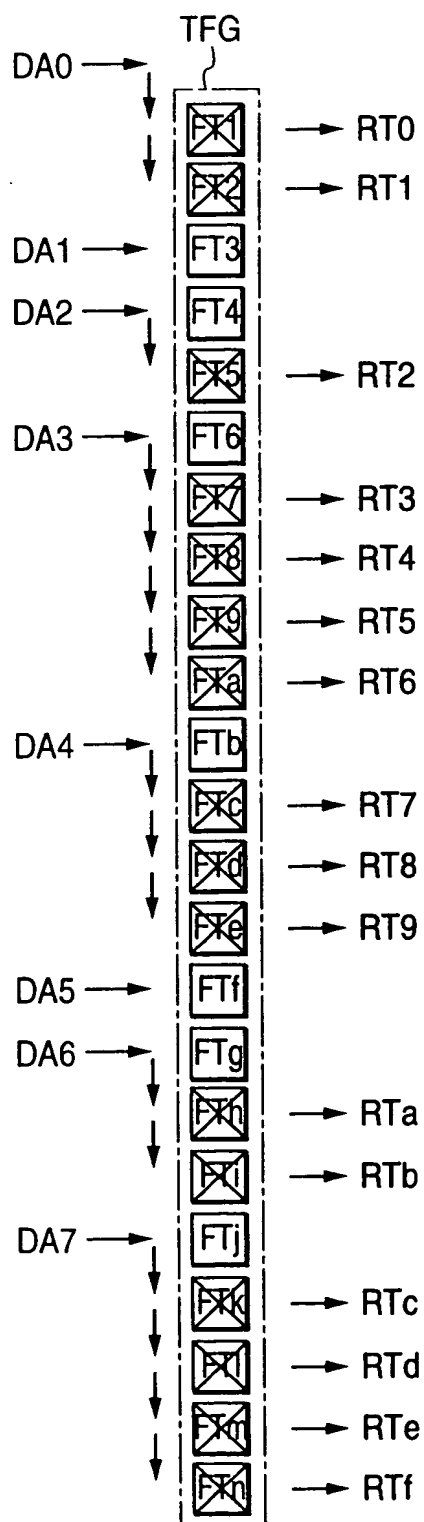
*FIG. 43*

FIG. 45



**FIG. 46**

*FIG. 47*



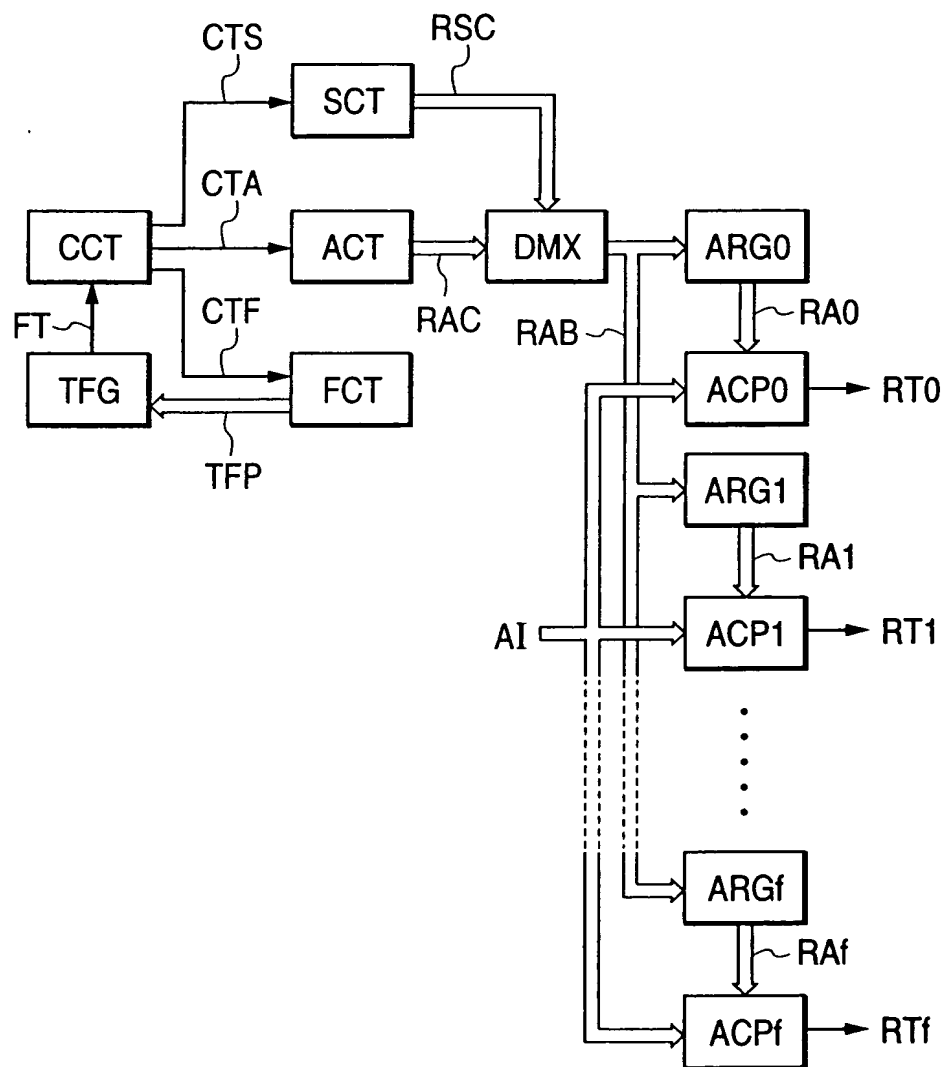
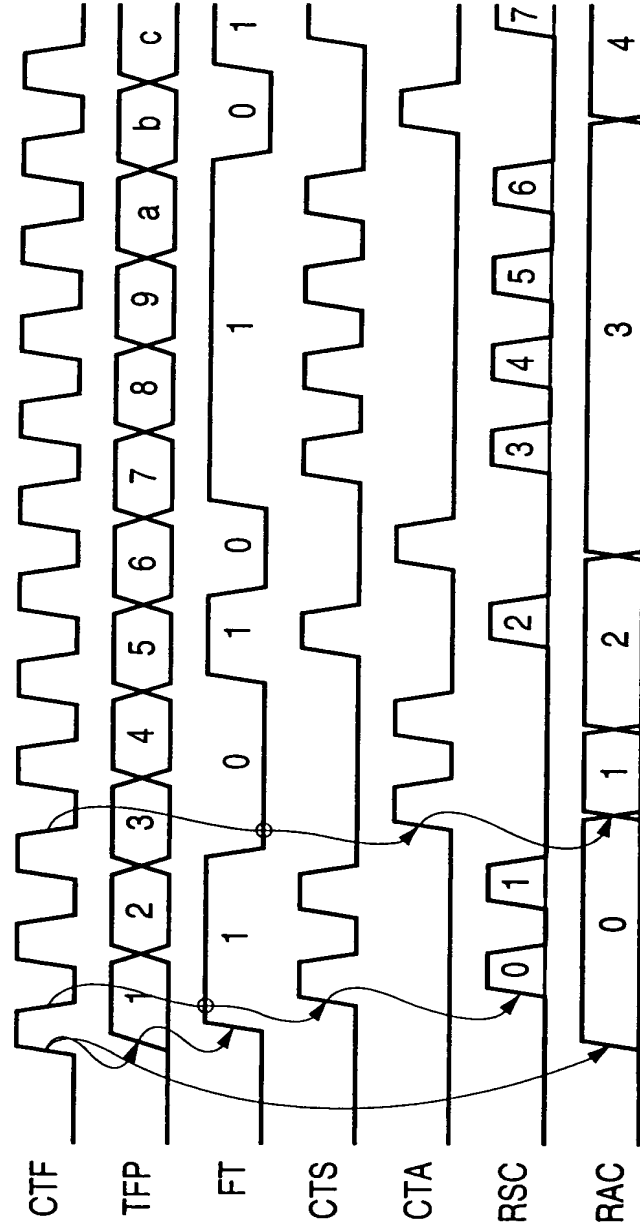
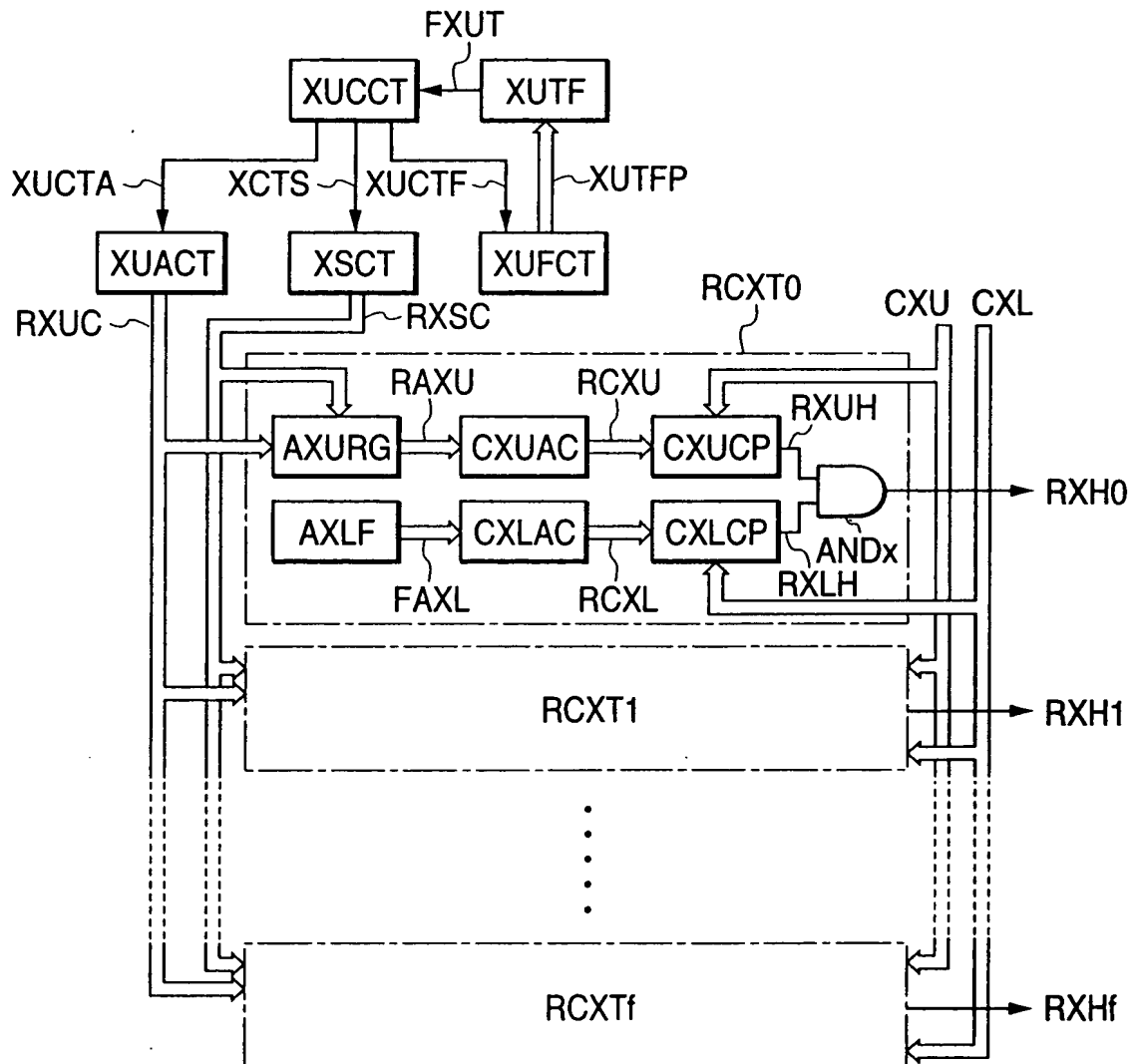
*FIG. 48*

FIG. 49



**FIG. 50**

*FIG. 51*

(a)

	FMS7	FMS6	FMS5	FMS4	FMS3	FMS2	FMS1	FMS0	FMSA
RYC0	0	1	0	1	0	0	1	1	0
RYC1	0	1	0	1	0	1	1	0	0
RYC2	1	1	1	0	0	0	1	0	0
RYC3	0	0	0	0	0	0	0	0	1

(b)

	RMS3	RMS2	RMS1	RMS0
RYC0	MS6	MS4	MS1	MS0
RYC1	MS6	MS4	MS2	MS1
RYC2	MS7	MS6	MS5	MS1
RYC3	1	0	0	0

*FIG. 52*

(a)

	FMS7	FMS6	FMS5	FMS4	FMS3	FMS2	FMS1	FMS0	FMSA
RYEC0	0	0	0	1	1	0	1	1	0
RYEC1	0	0	0	1	0	1	1	1	0
RYEC2	0	1	1	1	0	0	1	0	0
RYEC3	0	0	0	0	0	0	0	0	1

(b)

	FME67	FME56	FME45	FME34	FME23	FME12	FME01
RYEC0	1	1	1	0	0	1	0
RYEC1	1	1	1	0	1	0	0
RYEC2	0	0	0	0	0	0	0
RYEC3	0	0	0	0	0	0	0

(c)

	RMS3	RMS2	RMS1	RMS0
RYEC0	MS7+MS6 +MS5+MS4	MS3	MS2+MS1	MS0
RYEC1	MS7+MS6 +MS5+MS4	MS3+MS2	MS1	MS0
RYEC2	MS6	MS5	MS4	MS1
RYEC3	1	0	0	0

**FIG. 53**

(a)		(b)	
FMSPO	1	PMS0	MS0
FMSPI	0	PMS1	MS2
FMSPI	1	PMS2	MS3
FMSPI	1	PMS3	MS4
FMSPI	1	PMS4	MS6
FMSPI	0	PMS5	MS7
FMSPI	1	PMS6	0
FMSPI	1	PMS7	0

(c)		(d)		
FMSQ1	1	QMS0	PMS0	MS0
FMSQ2	0	QMS1	PMS0	MS0
FMSQ3	0	QMS2	PMS1	MS2
FMSQ4	1	QMS3	PMS2	MS3
FMSQ5	1	QMS4	PMS2	MS3
FMSQ6	1	QMS5	PMS2	MS3
FMSQ7	0	QMS6	PMS2	MS3
FMSQ8	1	QMS7	PMS3	MS4
FMSQ9	1	QMS8	PMS3	MS4
FMSQa	0	QMS9	PMS3	MS4
FMSQb	1	QMSa	PMS4	MS6
FMSQc	0	QMSb	PMS4	MS6
FMSQd	1	QMSc	PMS5	MS7
FMSQe	1	QMSd	PMS5	MS7
FMSQf	1	QMSe	PMS5	MS7
		QMSf	PMS5	MS7

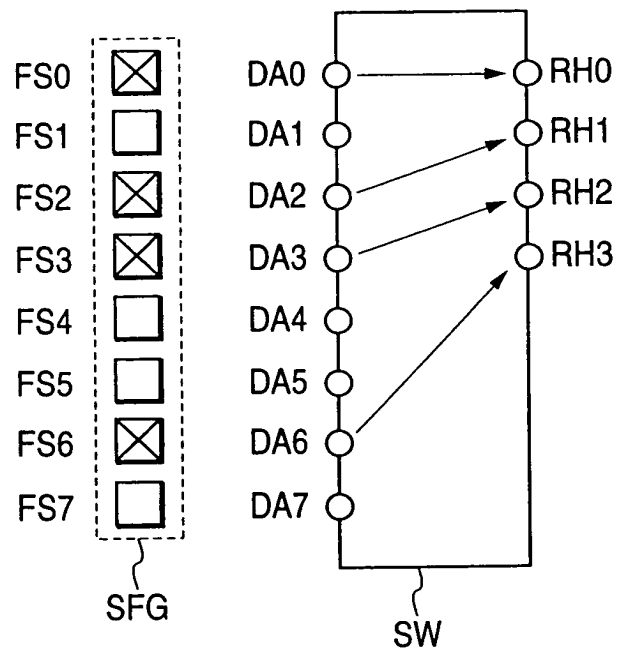
(e)	
RDY0	$(MS0+MS7) \times RYCH0 + (MS2+MS6) \times RYCH2 + (MS3+MS4) \times RYCH3$
RDY1	$(MS3+MS4) \times RYCH0 + (MS0+MS7) \times RYCH1 + MS6 \times RYCH3$
RDY2	$(MS3+MS4) \times RYCH1 + MS7 \times RYCH2$
RDY3	$MS3 \times RYCH2 + MS7 \times RYCH3$

**FIG. 54**

(a)		(b)		
FMSQ1	1	QMS0	PMS0	MS0
FMSQ2	0	QMS1	PMS0	MS0
FMSQ3	0	QMS2	PMS1	MS2
FMSQ4	1	QMS3	PMS2	MS3
FMSQ5	1	QMS4	PMS2	MS3
FMSQ6	0	QMS5	PMS2	MS3
FMSQ7	1	QMS6	PMS3	MS4
FMSQ8	1	QMS7	PMS3	MS4
FMSQ9	0	QMS8	PMS3	MS4
FMSQa	1	QMS9	PMS4	MS6
FMSQb	1	QMSa	PMS4	MS6
FMSQc	0	QMSb	PMS4	MS6
FMSQd	1	QMSc	PMS5	MS7
FMSQe	1	QMSd	PMS5	MS7
FMSQf	0	QMSe	PMS5	MS7
		QMSf	PMS6	0

(c)	
RDY0	$(MS0+MS7) \times RYCH0 + MS6 \times RYCH1 + (MS2+MS4) \times RYCH2 + MS3 \times RYCH3$
RDY1	$MS3 \times RYCH0 + (MS0+MS7) \times RYCH1 + MS6 \times RYCH2 + MS4 \times RYCH3$
RDY2	$MS4 \times RYCH0 + MS3 \times RYCH1 + MS7 \times RYCH2 + MS6 \times RYCH3$
RDY3	RYAH3

*FIG. 55*



**FIG. 56**